



**U.S. DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
**NATIONAL MARINE FISHERIES SERVICE**  
**Pacific Islands Fisheries Science Center**



July 3, 2008

Joseph Montoro  
Spectrum Software, Inc.  
[www.donglefree.com](http://www.donglefree.com)

Dear Mr. Montoro:

I work for the Scientific Information Services Division at the Pacific Islands Fishery Science Center, NOAA National Marine Fisheries Service. We are a research agency of the federal government. I am writing this letter to inquire about your services.

We use a software product called RodePC, a data entry application, for inputting mission-critical fisheries and research data to our PC's. The data are used for scientific research and fishery management. Unfortunately, the application's copy protection system requires use of outdated hardware dongles that are no longer in production. The software company is no longer in business and cannot provide us support. If our dongles were to malfunction, we would not be able to run copies of the application, and our data entry production would be severely hindered.

In viewing the products and services on your Web site, it appears that Software Spectrum, Inc. can provide the dongle emulation software solution we need to ensure continuation of our critical data entry work. Your company also seems to be one of the few companies in the U.S. that offer this essential service. I understand that you regularly perform contract work for U.S. government agencies. Your services would be extremely valuable to us.

We are interested in exploring your services to develop a software emulator for the RodePC dongle. Please let me know how we should proceed so we can expedite our work order.

Sincerely,



NOAA Pacific Islands Fisheries Science Center





Venice of America

CITY OF  
FORT LAUDERDALE

November 10, 2008

Joseph Montoro

Spectrum Software Inc.  
181 Herons Nest Ln  
St. Augustine, FL 32080

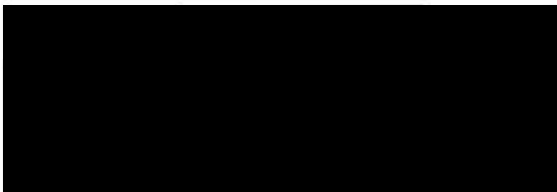
Dear Mr. Montoro;

The City utilizes proprietary software from our radio system manufacturer to monitor and manage our Public Safety Radio System. This software relies upon a hardware dongle plugged into the parallel port of the computer to enable its functionality. As I'm sure you are aware, the ability to obtain a computer that has a parallel port is becoming much more difficult. Without the port our software is rendered unusable, even though it still will meet our operational needs.

Partially due to this shift in computer hardware, the vendor has stopped supporting the software and associated dongle, replacing it with much more expensive software. In light of the continuing budget cuts we are mandated to maintain, we are unable to fund this replacement software, but still must monitor and manage our Public Safety Radio System as best we can.

In addition, approximately ten years ago, we experienced lightning damage to our computer that caused the dongle we had to stop working. Even after replacing the computer, we were unable to utilize the dongle successfully. At that time, it was extremely difficult to obtain a replacement dongle from the vendor. Now that the vendor has officially stopped supporting this product, the level of difficulty in obtaining a replacement dongle should we be struck by lightning again will shift from extremely difficult, to totally impossible. Florida is the lightning capitol of the world. It really isn't a matter of "if" we will be hit; it is a question of "when" we will be hit.

The software patch provide by Spectrum Software Inc. allows us to operate with a higher level of confidence that we will be able to continue to support the Public Safety Radio System with this monitoring software until such time as we are able to obtain funding for upgraded software.



City of Fort Lauderdale



**sales**

---

**From:** Steve [REDACTED]  
**Sent:** Tuesday, January 23, 2007 5:35 PM  
**To:** sales@donglefree.com  
**Subject:** Quotation for Dongle Replacement  
**Attachments:** Original Order-Invoice and Picture of Dongle.zip

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Hello,

We have the following:-

Operating System = Redhat Linux 7.3  
Application Program = Fundamental Software Inc (S/390 System Emulator) Version 7.0.4.2 ([www.funsoft.com](http://www.funsoft.com))  
Dongle Type = USB  
Dongle Reported by Windows XP Device Manager = "FSI Dongle"  
Dongle Reported by Vmware USB Menu = "AVM USB Device"

Copy of Original Invoice attached to this E-mail  
Photocopy of the actual dongle itself attached  
Various Screenshots attached

Our reason for wanting to eliminate the need for the security dongle is because our business requires us to have a disaster recovery plan in place for this application. In the event of a disaster we must be able to restore this application and have it running in another computer room within 4 hours of the disaster.

We have approached the providers of the application and they will only issue us a replacement dongle in the event of a disaster and they are located in the U.S.A and we are located in Australia. This means we will have to wait days before we can get this application going again. We also must test the disaster recovery plan once per year.

Please could you provide a quotation for providing a replacement alternative to the security dongle?

Regards

Steve [REDACTED]  
Solutions Design Architect

[REDACTED]

[REDACTED]

-----Confidentiality & Legal Privilege-----  
"This email is intended for the named recipient only. The information contained in this message may be confidential, or commercially sensitive. If you are not the intended recipient you must not reproduce or distribute any part of the email, disclose its contents to any other party, or take any action in reliance on it. If you have received this email in error, please contact the sender immediately. Please delete this message from your computer. Confidentiality and legal privilege are not waived or lost by reason of mistaken delivery to you."

## ZEMAX: Software For Optical System Design

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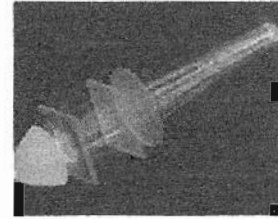
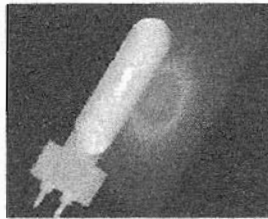
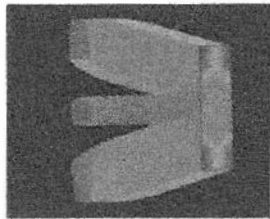
System Requirements

Terms and Conditions

License Agreement

### ZEMAX is Powerful, Accurate and Easy to Use Software for all Aspects of Optical System Design

ZEMAX is the software that optical engineers and designers around the world choose for lens design, illumination, laser beam propagation, stray light, freeform optical design and many other applications. ZEMAX leads the industry in technical power, ease of use and proven accuracy. Whatever kind of optical system design problem you have, ZEMAX can help.



#### What's Hot?

The **November 10 2008 release** of ZEMAX is now available! See [What's New in this release](#).

If you're not familiar with ZEMAX, look at the [Applications](#) section to see what our users are doing with ZEMAX, and the [Technology](#) section to see what ZEMAX is built upon.

#### Important Message to Japanese Customers

**日本のお客様へ重要なお知らせ**

#### Knowledge Base Article of the Month

##### How To Simulate High-Resolution Images

**November 2008:** ZEMAX supports an Image Simulation feature that quickly and accurately predicts the appearance of any scene as imaged by the optical system. The method works by convolving a source bitmap file with an array of Point Spread Functions. The new feature is very fast, fully multi-threaded to operate over all the CPUs in your computer and gives excellent signal/noise in the final image. [More](#)

ZEMAX Development Corporation, 3001 112th Avenue NE, Suite 202, Bellevue, WA 98004-8017 USA  
 Sales: (425) 822-3406 Support: (425) 822-1295 Fax: (425) 889-4687  
 E-mail: [sales@zemax.com](mailto:sales@zemax.com) or [support@zemax.com](mailto:support@zemax.com)

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Price List		
<b>Buy Now</b>	<b>ZEMAX® Optical Design Programs - Single-User License</b>	
Get a Quotation		
Distributors	<b>ZEMAX-SE (System Requirements)</b>	\$2,000.00
Register for a Course	Includes one printed manual, one key, one year of support and upgrades via download from the web.	<a href="#">Buy Now</a>
Change Registered User		
System Requirements	<b>ZEMAX-EE (System Requirements)</b>	\$4,000.00
Terms and Conditions	Includes one printed manual, one key, one year of support and upgrades via download from the web. The price of ZEMAX-EE will increase to \$4,500 from 1 January 2009.	<a href="#">Buy Now</a>
License Agreement	<b>Shipping, United States / International</b>	Free / \$50.00

**ZEMAX® Optical Design Programs - Network License**

<b>ZEMAX-EE - Available in 5-User, 10-User, and 25-User Licenses</b>	\$5,000.00 per User License	✓
Includes one manual per license, one network key, one year of support and upgrades via download from the web. This product cannot be ordered online. please contact <a href="mailto:sales@zemax.com">sales@zemax.com</a> for ordering information.		
<b>Shipping, United States / International</b>	Free / \$50.00 per User License	

**ZEMAX® support and upgrades**

<b>Support for ZEMAX (Single-User License)</b>	\$700.00	
One year of support and upgrades via download from the web.	<a href="#">Buy Now</a>	
<b>Support for ZEMAX (Network License)</b>	\$700.00 per User License	✓
One year of support and upgrades via download from the web.	<a href="#">Buy Now</a>	
<b>Upgrade to EE</b>	\$2,000.00	
Requires current support. Obsolete key types must be returned for upgrade. The upgrade price will increase to \$2500 from 1 January 2009.	<a href="#">Buy Now</a>	
<b>Conversion to Network License</b>		
Credit given for returned single user license keys. This product cannot be ordered online, please contact <a href="mailto:sales@zemax.com">sales@zemax.com</a> for ordering information.		

**ZEMAX® Manual**

<b>ZEMAX Manual</b>	\$100.00
Printed copy of the ZEMAX Manual. The latest printing of the Manual is August, 2007.	<a href="#">Buy Now</a>
<b>Shipping, United States / International</b>	Free / \$50.00

**ZEBASE™ database of 600+ optical designs in ZEMAX format**

<b>ZEBASE™</b>	\$500.00
ZEBASE includes the database on CD, a printed catalog of the lens designs, and the book "Lens Design", by Milton Laikin.	<a href="#">Buy Now</a>
<b>Shipping, United States / International</b>	Free / \$50.00

Prices good through December 31, 2008. Visa/Discover/MasterCard accepted. Checks must be payable in U.S. dollars drawn

# ZEMAX Users' Knowledge Base

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  - System Modeling
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- Non Sequential Ray Tracing
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## Article Options

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## How To Exchange Your ZEMAX Key

By [andrew Locke](#) | Published 29 December 2006 | [Hardware Key](#) | Rating: ★★★★★

### Step 2: Current Support is Required

There is no charge for the key exchange, as long as the key has current support. If you know that your key has current support, please skip to Step 3. ✓

If the support expiration date is uncertain, email the key serial number to [sales@zemax.com](mailto:sales@zemax.com) and request the expiration date.

If support has expired, please purchase ZEMAX Support before following the next steps. The quickest way to purchase support is to go online to [www.zemax.com/shop](http://www.zemax.com/shop) and pay with a Visa, Discover or MasterCard. For other payment options, please contact [sales@zemax.com](mailto:sales@zemax.com) or your local distributor. We do not replace keys with expired support, even for a fee.

Pages: [« Back](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [Next »](#)    Next: [Step 3: Complete the Key Exchange Form »](#)



CHECK OUT!  
 VIEW CART

NUMBER OF ITEMS  
IN YOUR CART

(empty)

ZEMAX Development Corporation

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Upgrades

ZEMAX Manual

ZEBASE

Course  
Registration

Custom Work

Quote Instructions

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**Support and Upgrades**

Item	Description	Price
▶ <u>ZEMAX Support</u>	ZEMAX Support and Upgrades	\$700.00
▶ <u>ZEMAX Support 5-User Network</u>	ZEMAX Support and Upgrades	\$3,500.00
▶ <u>ZEMAX Support 10-User Network</u>	ZEMAX Support and Upgrades	\$7,000.00 ✓
▶ <u>ZEMAX Support 25-User Network</u>	ZEMAX Support and Upgrades	\$17,500.00
▶ <u>Upgrade to EE</u>	Upgrade to ZEMAX-EE	\$2,000.00

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Support and Upgrades

Item: ZEMAX Support 10-User Network

SKU: SUPPORT-10

Price: \$7,000.00

ZEMAX Support and Upgrades.

Purchase includes one year of technical support, and one year of software upgrades via download from the web.

No items to be delivered. Upgrades available via download from the web. Support orders are non-refundable.

Key Serial Number (required)

To display the key serial number in ZEMAX, press F10 or click on Help, About.

Registered User Information

As Entered Below

ZEMAX Development Corporation requires complete end-user registration information for each product. The end-user is the person who gets support. This information may be different than the address provided at checkout.

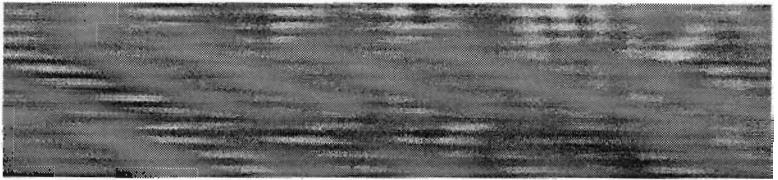
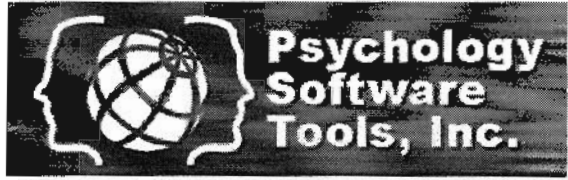
First Name (required)

Last Name (required)

Company Name

Address (1) (required)





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Home » PST » E-Prime » Installation » problems mixing old 1.2 and new 2.0 dongles

ADD REPLY ADD TOPIC ADD POLL

problems mixing old 1.2 and new 2.0 dongles Rate Topic Display Mode Topic Options

Author

Message

Paul\_Groot

Posted 9/10/2008 6:36:14 AM

REPLY QUOTE EDIT DELETE

Forum Newbie

Dear Forum,

Group: Forum Members

Last Login: 11/18/2008 5:00:20 AM Posts: 2, Visits: 12

We recently upgraded our old E-Prime station with a new version 2 Pro license. Although the first-time-only hardware lock (dongle) upgrade worked fine, we have some difficulties using the old and new version on the same computer. (This is required at our fMRI research site because old and new scripts are being used in parallel by different research groups.) Note that the old dongle is the green printer port model and the new dongle is a red USB type. In summary, the system behaves as follows.

When using EPrime 1.2 the old printer port dongle must be in place and the USB dongle must be removed. A license violation message will be displayed when the USB dongle is not disconnected.

When using EPrime 2.0 the USB dongle must be connected, the printer port dongle is ignored when connected. This is OK.

So, the problem is that we are forced to remove the USB dongle if the E-Studio 1.2 must be used.

Things are even more complicated on our hardware because the printer port dongle is not working properly when other essential hardware is connected on the printer port (by daisy chaining on the back of the dongle). We hoped that the new USB dongle would allow us to remove the old printer port dongle from the system to solve all of these problems. In other words: we expected that the new dongle allowed us also to use the old version. Unfortunately the situation has become more complex and swapping dongles is becoming a burden...

My question is: is this behaviour by design? If so, would it help if we order a USB replacement dongle for version 1.2?

Thanks in advance,

Paul Groot

AMC, Amsterdam.

Post #2071

PM FAVORITE DEF

kharens

Posted 9/18/2008 11:47:34 AM

REPLY QUOTE EDIT DELETE

Forum Newbie

Group: Forum Members

Last Login: 9/19/2008 2:12:20 PM Posts: 1, Visits: 2

Paul\_Groot (9/10/2008)

Dear Forum,

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My question is: is this behaviour by design? If so, would it help if we order a USB replacement dongle for version 1.2?

Thanks in advance,  
Paul Groot  
AMC, Amsterdam.

5a

We are having a similar problem with version 1.1 and 2.0 pro. The installation of 2.0 went pretty smoothly and runs without any problems, however now ver. 1.1 displays a license error (and the warning about limited saves) each time we start the program or any paradigm in it, despite still having the original 1.1 hardware key installed.

Thanks,  
Keith Harenski  
The Mind Research Network

Post #2129

REPLY EMAIL OFF



Brandon.Cernicky

Posted 9/22/2008 9:01:45 AM

REPLY QUOTE EDIT DELETE

Forum MVP

Can you confirm that your E-Prime 1 x hardware key is a parallel port also?



-Brandon

Group: Administrators  
Last Login: 11/26/2008 9:13:09 AM  
Posts: 573, Visits: 1,245

Post #2145

REPLY EMAIL OFF



Brandon.Cernicky

Posted 10/9/2008 8:57:33 AM

REPLY QUOTE EDIT DELETE

Forum MVP

To anyone having this problem, please contact web support for a solution



Group: Administrators  
Last Login: 11/26/2008 9:13:09 AM  
Posts: 573, Visits: 1,245

Post #2247

REPLY EMAIL OFF



« Prev Topic | Next Topic »

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Permissions

Forum Jump...

All times are GMT -5:00, Time now is 10:50am

Powered By InstantForum.NET v4.1.4 © 2008  
Execution: 0.078. 12 queries. Compression Disabled.

**sales**

---

**From:** [REDACTED]  
**Sent:** Monday, January 08, 2007 4:53 PM  
**To:** dongle  
**Subject:** RE: Dongle emulator

I have the application setup to run on a Win XP machine inside a Dos Emulation Program called DOSBOX. The program will not run from the command prompt in a standard Dos window in XP.

Cheers,  
Jon [REDACTED]  
Can Radio Specialist C'QLD  
Can Radio Operations Queensland  
[REDACTED] St.

6

CEMC is embracing the Green Office philosophy - **THINK BEFORE YOU PRINT!**  
Reduce the footprint you leave. Please consider the environment before printing this e-mail. Reduce, Reuse and Recycle.

---

**From:** dongle [mailto:sales@donglefree.com]  
**Sent:** Tuesday, 9 January 2007 12:07 AM  
**To:** [REDACTED]  
**Subject:** RE: Dongle emulator

Hello Jon,

I understand your problem.  
Please tell me if your software can run in a dos window through windows, many programs can. IF that is the case, we can get you donglefree very soon.  
Joe Montoro  
President

---

**From:** [REDACTED]  
**Sent:** Sunday, January 07, 2007 6:54 PM  
**To:** sales@donglefree.com  
**Subject:** Dongle emulator

Hi,  
I am enquiring about the availability of a software Dongle to work with a Software Tool we use for Interrogating a Specific piece of radio Equipment. The dongle is a Rainbow Technologies Sentinel Super Pro. The software is called DXRView V5.7G which is used as a GUI for a Radio called DXR200 manufactured by MAS Technologies in New Zealand.

The Reason we need this emulator is that our current laptops do not have a parallel port. The other issues we face is that the software will only run in Dos, so the emulator has to be Dos based.

Are you able to help me?

sales

From: [REDACTED]  
Sent: Monday, November 20, 2006 3:08 PM  
To: joemon@goodidea.net  
Subject: Re: Sentinel Hardware Keys: Important Update

7

SafeNet wrote:



Dear Valued Customer,

We would like to remind you that by the end of March, 2007, all Sentinel SuperPro and Sentinel UltraPro software protection tokens will be shipped only with the new and improved housing. ✓



The functionality of the tokens will not change and we will continue our support and commitment to the SuperPro and UltraPro product lines. We've taken great care to make sure that this enhancement will provide you with the best possible product.

The SuperPro and UltraPro keys in the new housing provide:

- **More Durability** ✓  
The case is now constructed from a single piece of molded plastic, and the metal connector continues into the housing for a more secure attachment. ✓ An independent lab found that the new Sentinel Key can withstand over 300% more force, giving it the ability to stand up to the most rigorous use.
- **Improved User Experience**  
The length of the token has been reduced, and the end of the key is now made of clear plastic, enabling the LED to illuminate the entire end so the light is visible from any angle.
- **A New Look**  
In this new design, the housing body will be black, with vibrant colors of your choice appearing on the front of the housing. The standard color is gray, and SafeNet will continue to offer red, blue, green, purple, yellow and teal as options. If you currently order tokens in blue-gray, these will be replaced with blue unless you specify another available color on your order.

If you would like to view photos and dimensions of the new keys, view color samples, or check part numbers, please visit <http://www.safenet-inc.com/sentinelkey>. We will also be happy to provide samples of the new tokens. Please submit your information on the web form located at that link and one will be sent to you at no charge. If you have any further questions, please contact your SafeNet representative.

At SafeNet, we strive to provide the most effective security technology to

protect your valuable intellectual property. We are confident that this new design will provide you and your customers the best product available.

Sincerely,

The SafeNet Software Protection Business Unit

To unsubscribe from future promotional email from SafeNet, Inc., please [click here](#).

7a

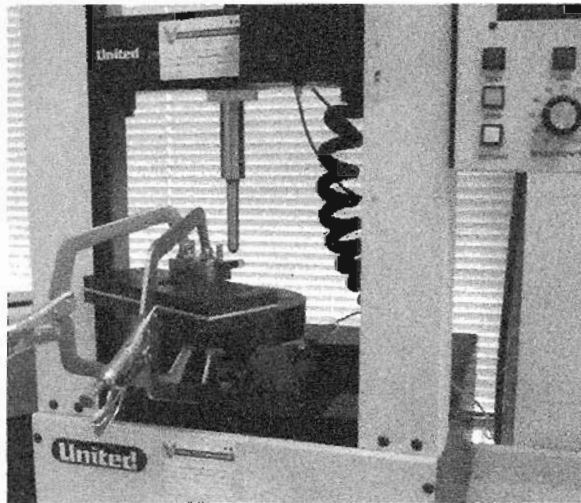
# USB KEY TENSILE STRENGTH TEST RESULTS CONDUCTED BY TRACE LABORATORIES FOR SAFENET, INC.

8

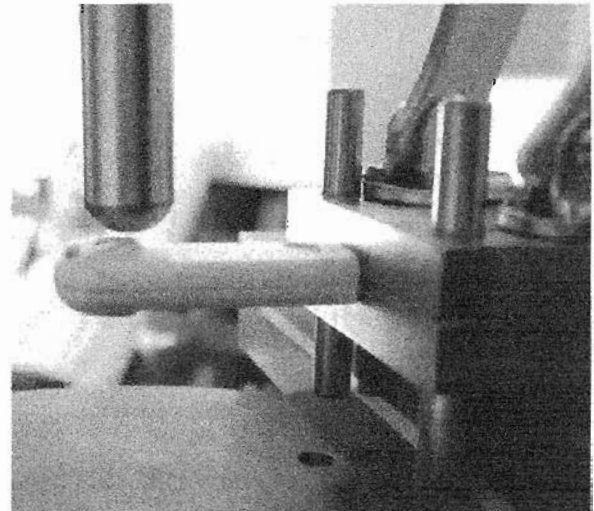
## EXECUTIVE SUMMARY

### METHOD

Testing was performed to determine the breaking strength of USB keys when installed in a fixture simulating typical computer orientation. A single point probe was positioned a measured distance from the connector end of the USB key. The probe was lowered until contact was established with the test specimen.



*Test Apparatus*

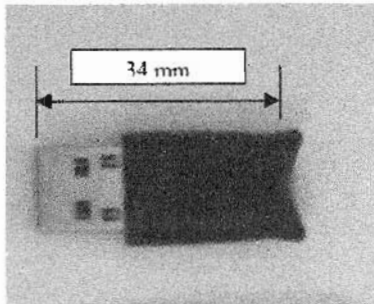


*Typical setup of a USB key in the fixture  
with the probe positioned above the  
specimen*

The probe was actuated to exert a force on the USB key at a cross head speed of 2 inches/minute. The maximum force was recorded at the point of breakage.

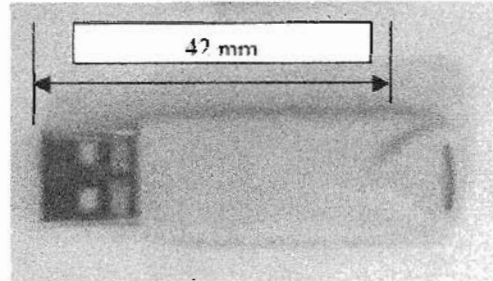
The test specimens were tested in two orientations. The USB keys were positioned with the seam of the metallic connector in the underside position or rotated 180 degrees so that the seam was on the top. Four specimens from each sample type were tested in each orientation.

## TEST SPECIMEN



*Aladdin HASP HL*

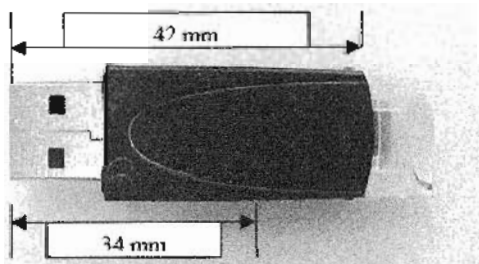
Pressure point exerted at 34 mm from the end of the connector



*Sense Elite 4*

Pressure point exerted at 42 mm from the end of the connector

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*SafeNet Sentinel Hardware Key*

Tested at two pressure point distances:  
34 mm and 42 mm from the end of the connector

The SafeNet Sentinel Hardware Key was tested at two pressure point distances in order to create the most fair and realistic comparisons with the Aladdin HASP HL key. For the purposes of this test, the key serves as the lever used to apply pressure at the point where the metal connector is inserted into the USB port, or the fulcrum.

Shorter key, or lever, length results in relatively less force being directly applied to the metal connector. The *fairest* comparison between HASP and the Sentinel Hardware Key therefore is a comparison with the force applied at an identical lever length from the fulcrum: 34 mm. However, the most *realistic* test is to apply the force at the end of the Sentinel Key: 42mm. The end of the Sentinel Key is the point where force is most likely to be applied in a real use scenario.

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## RESULTS

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The average results of four determinations per sample orientation are tabulated below.

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USB Key	Pressure Point Distance from End of Connector, mm	Direction of Applied Force**	Force at Break, lbs.
Sense Elite 4	42	Down	11.8
Sense Elite 4	42	Up	11.5
Aladdin HASP HL	34	Down	10.7
Aladdin HASP HL	34	Up	7.2
SafeNet Sentinel Hardware Key	42	Down	23.0
SafeNet Sentinel Hardware Key	42	Up	17.5
SafeNet Sentinel Hardware Key	34	Down	39.2
SafeNet Sentinel Hardware Key	34	Up	29.2

wenkes†

\*\* Applied force in the down direction is with the connector seam on the bottom. The up direction is with the connector seam on the top.

The results clearly show that the SafeNet Sentinel Hardware Key is the most impervious to breakage resulting from the application of force to the key. The total amount of force required to break the Sentinel Key ranges from 148% to 544% more force than any competitive key tested.

The complete results of this study can be viewed at [www.safenet-inc.com/tensile](http://www.safenet-inc.com/tensile)

Trace Laboratories-East certifies that the test equipment used complies with the calibration test purposes of ISO 10012-1, ANSI/NCSL Z540-1-1994, and MIL-STD-45662A and that the data contained in this report is accurate within the tolerance limitation of this equipment.

The results in this report relate only to those items tested. If any additional information or clarification of this report is required, please contact Trace Laboratories-East. This test report shall not be reproduced without the written approval of Trace Laboratories-East.



### HEADQUARTERS

5 North Park Drive  
Hunt Valley, MD 21030 USA  
Telephone: 410/584-9099  
Email: [tracelab@connext.net](mailto:tracelab@connext.net)  
[www.tracelabs.com](http://www.tracelabs.com)



### HEADQUARTERS

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Belcamp, MD21017 USA  
Tel: +1 410.931.7500 or 800.533.3958  
Email: [info@safenet-inc.com](mailto:info@safenet-inc.com)  
[www.safenet-inc.com](http://www.safenet-inc.com)



**sales**

---

**From:** SCOTT [REDACTED]  
**Sent:** Wednesday, March 15, 2006 5:17 PM  
**To:** sales@donglefree.com  
**Subject:** Sales questions

9

We currently have a piece of manufacturing equipment that was purchased around 1998. This equipment was originally manufactured by a company called Race Industries, Inc. Race went out of business and sold their software assets to E-Process Control, Inc. (EPCI) We upgraded our machine software as well as the offline software to a new EPCI version. This company also went out of business. We have gone through several dongle failures and I'm concerned we may not be able to find another should any we have now fail. I've received permission from the current software owner to have the code re-compiled to remove the dongle. But, when they went to do it, it was discovered that many of the files required were missing.

The software is call BrakeWare and it uses a Rainbow Sentinel Superpro for a dongle. I have an offline dongle for the offline programming software and another for the 'online' for what is on the Pressbrake machine tool. Both currently run under Windows 2000 Pro. I will be upgrading the offline to Windows XP Pro within the next few months.

Is this something you might be able to help me out with?

Thanks,

[REDACTED]  
Engineering Manager  
[REDACTED]

**sales**

---

**From:** redhatbear [redhatbear ██████████]  
**Sent:** Thursday, March 02, 2006 12:21 AM  
**To:** sales@donglefree.com  
**Subject:** Pricing information

10

I recently had two dongles damaged ... the reason is unclear because they were on a non-powered hub that continued to run when I lost a motherboard. My guess is that in combination with a memory key pulled too much power. The memory key and the power to the computer continued to work.

Presently the distributor of the software uses two different vendors, one uses Rainbow, the other uses a Hasp software, they are currently telling me that it is not their responsibility that the {overpriced} software requires a dongle that can be damaged! Further they are currently telling me that even the one under warranty is not their responsibility.

My question to you is if I get these "running" I need a pricing for your software so that I never have to plug these dongles into anything again!!!!!! I run both a Windows 2000 and a Windows XP system. One of the dongles works with software restricted to Windows XP. Both are Embroidery Software for Husquavarna. The warranted one is 3D Embroidery Software, the other is Professional Plus (now referred to as VIP sometimes)

My second question would be about a different capability. Currently my local vendor of the software helps many of this manufacturer's users. Do you have a software that would allow him to configure different users machines? I doubt this, but he'd be delighted not to have to deal with this problem as much ever again.

Please let me know what capabilities I might expect at a minimal cost.

Thxs

**sales**

---

**From:** Peter ([REDACTED])  
**Sent:** Wednesday, August 06, 2008 2:37 PM  
**To:** sales@donglefree.com  
**Subject:** Dongle Replacement

Hello,  
We have a piece of equipment that might have a failing dongle.  
The complication is that this is an extremely old piece of equipment.  
It is a DOS-based application running on very old hardware.

The dongle itself doesn't seem to have a manufacturer name on it. On the case itself it reads:

DS1410  
9250C  
PROTO

There is a small removable button device in the center of the dongle that reads:

869AJ  
DS1425L-F5  
9248C1

Is this something you could work with?

Thanks.

[REDACTED]  
Multimedia Services Manager  
[REDACTED]

*This dongle has a battery  
with a limited life.*

## sales

---

**From:** Javier [REDACTED]  
**Sent:** Friday, May 05, 2006 2:06 AM  
**To:** sales@donglefree.com  
**Subject:** Quote

12

Hi,

We own a software program that is called HeynACIVersion 5.01 with accompanying modules or sub-programs

- 71B version1.63.3A,
- UCIR-SP Version 1.63.3A
- Spell Checker Program version 5.0A
- 

The software is locked by a Rainbow Technologies, Sentinel-C *Version A* parallel port block. We are now running Windows XP and the block suddenly quit working. The software maker quit supporting the software years ago and we are looking for a way to keep using our programs. Can we please get a quote on a software key for the program. Thank you

Javier [REDACTED]

### How to prevent LPT ROCKEY from accidental damages?

*damAS e*

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Because the LPT ROCKEY works between the computer and peripheral device, it is affected by both of them, and most damaged ROCKEY are the victims of overvoltage. In order to avoid the damages, we should make sure that the ground wire is connected to ground, and it is also connected to the case of the computer. When we connect the devices we should turn off the power in advance. And if we can not connect the ground wire to ground, when we connect computer and device we should turn off the power and plug out the plugs in advance to avoid power operation. ✓

### The system can not find USB ROCKEY?

Maybe the drivers are not properly installed, please refer to other solution in this FAQ.

And the indicator may help you to find the reason. If the indicator is bright all the time, it indicates the dongle works well; if it winks once every second, the drivers are not installed or something wrong with the USB port; otherwise the dongle is defective. If the indicator is not bright and the system prompts "Found USB Device", it indicates the dongle is defective, otherwise bad connection or something wrong with the USB port. To check the USB port: when you first attach ROCKEY to the computer the system should prompt "Found USB Device" and install driver for it, if not the USB port must get some problem, maybe this is caused by the incorrect installation of the driver for USB controller or the USB function is disabled in COMS SETUP, or hardware failure of the USB port of mainboard. You may test the USB port with another USB device, such as a USB mouse.

*Hardware issues*

### The system can not find parallel port ROCKEY, why?

1. **The printer attaches to the ROCKEY is powered off** If a printer or any other peripheral device is attached to the parallel ROCKEY, you should turn on the power of the device. The ROCKEY requires a voltage about 2.2 voltage, and this power is supplied by mainboard through parallel port, if a peripheral device is attached to the ROCKEY it will receive some voltage, so ROCKEY may not be found by the system. ✓
2. **ROCKEY does not support the parallel mode** The diversity of computers leads to many different parallel modes, our ROCKEY supports most modes, but for some special modes it is possible that the system can not find our ROCKEY, or our ROCKEY does not work well with them. What you need to do is just to change the parallel modes, set the port in CMOS setup to ECP. And if the operating system is Windows NT/2000, you may have to reinstall the system after you change the parallel modes. ✓
3. **The drivers are not properly installed** ROCKEY requires the installation of drivers, so the settings of drivers may affect the operation of ROCKEY. There are 4 options when we install the drivers: "Install ROCKEY parallel driver", "Install ROCKEY USB driver", "Detect-print-busy mode" and "Not-detect-print-busy mode", we suggest users to choose "Install ROCKEY parallel driver", "Install ROCKEY USB driver", and "Detect-print-busy mode". In Windows NT/2000 only the administrator has the privilege to install drivers. ✓
4. **ROCKEY is not compatible with other devices** The parallel port was not designed to connect many devices at the same time, and in theory only one device can be attached to the parallel port at one time. With the users in mind, our ROCKEY was designed to allow the standard devices, such as printer and scanner, to attach to it, but for some special devices we can not guarantee that our ROCKEY is compatible with them. Plug out the device to see if it is compatibility problem. ✓

## Additional Information

### Dongle Checker Error Reports

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-----  
Dongle failed - ArtCAM will not run  
-----

ERROR:  
Failed to initialise Sentinel hardware key drivers  
Check that drivers have been correctly installed

-----  
Dongle failed - ArtCAM will not run  
-----

ERROR:  
Failed to find Delcam hardware key

-----  
Dongle failed - ArtCAM will not run  
-----

ERROR:  
Failed to read dongle id

-----  
Dongle failed - ArtCAM will not run  
-----

ERROR:  
Failed to find to read value from Delcam hardware key

-----  
**\*\* DANGEROUS \*\*** Read Of Dongle - ArtCAM will crash  
-----

ERROR:  
Invalid value returned from Delcam hardware key  
ArtCAM hardware key - 00001  
Counter 1: 99  
Counter 2: 99  
Counter 3: 99  
Counter 4: 99  
Counter 5: 256  
Counter 6: 256  
Counter 7: 256  
Counter 8: 0

-----  
Successful Read Of Dongle  
-----

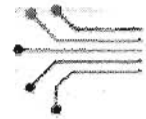
ArtCAM hardware key - 00001

Counter 1: 99  
Counter 2: 99  
Counter 3: 99  
Counter 4: 99  
Counter 5: 256  
Counter 6: 256  
Counter 7: 256  
Counter 8: 0

14e

-----  
NOTE: We have had some dongle failures where the Dongle ID  
has changed from say 06630 to 00008 so check this carefully





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[Technical Note 86084](#)

### Green dongle (old product) & Windows Vista

EW targets: 251, 430, 6502, 65K, 6811, 6812, 6816, 740, 7700, 78000, 78400, 8051, AVR, CR16, DIP, H8, H8300, M16C, M32C, SAM8, SH, SM60, SM85, T900, V850, X96, Z80

EW component: LMS / Copy Protection

Keywords: dongle, driver, hardware lock

Last update: May 15, 2007

*This text is applicable for products using Activator M hardware locks, (small "dongles" that must be connected to the printer port; they have green plastic housings).*

The combination of a **green** dongle and the Windows Vista do not work. The driver for the dongle can not be installed in Windows Vista.

Please Note: The **green** dongle is not used in current products. They were replaced by other dongles in 2001 (and onwards).

[Back to note 98236](#)

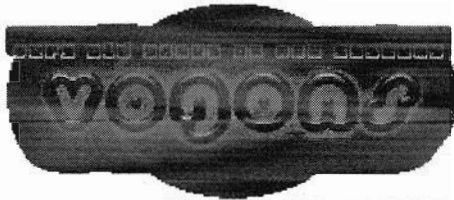
[Close this window](#)

Related Support notes:

[Technical note 98236](#)

**The product reports that the hardware lock (dongle) is missing.**





Last Visit : never :: 2008-11-03 @ 08:40 pm : Now  
 ● FAQ ● Search ● Memberlist ● Usergroups  
 ● Register ● Profile ● Messages ● Log in

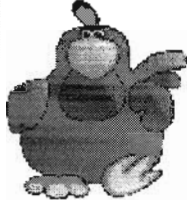
View posts : unanswered

Forum Index :: DOS ::

**Old DOS application, LPT dongle**

Old DOS application, LPT dongle :: 2008-1-18 @ 09:33 pm

**Zup**  
A green chicken



Joined: 2003-10-04  
Posts: 326

I need to get working an old DOS application in Windows XP. It works (more or less, I've got some problems with graphics mode), but the application needs to find a LPT dongle.

The problem is that the application reports that it is unable to connect to dongle. The dongle is a Microphar one (no drivers for any Windows). The hardware is a Toshiba Tecram A7, with Windows XP Pro SP2.

I've tried with Bi-Directional and ECP settings for the port, using port 378 and IRQ 7.

I guess that NTVDM don't allow the DOS program to connect directly (or at least transparently) to the LPT port.

Any idea? Would VMWare od a patched edition of DOSbox help with this?

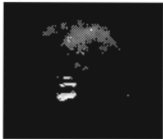
I have traveled across the universe and through the years to find Her.  
Sometimes going all the way is just a start...

CWF Mario Kart: 266364-206129  
CWF Animal Crossing: 4725-2246-0528 - Zup, de Graná



Re: Old DOS application, LPT dongle :: 2008-1-20 @ 12:41 pm

**Davros**  
Member



Joined: 2004-03-01  
Posts: 260

why not boot into real dos from a floppy



Re: Old DOS application, LPT dongle :: 2008-1-20 @ 12:52 pm

**Zup**  
A green chicken

Because my boss is a sucker and want to see it working within XP ☹

Digging in the forum, I've found something about ntdelay... I'll check it on monday. I'll check VMWare with FreeDOS, but I don't know if VMWare would grant direct access to hardware.

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Here is some information directly from Aladdin:

# Aladdin Support Technote

## Solving common NetHasp problems

### Problem:

I am getting an error from my NetHasp protected application and the application does not run. How can I solve the problem?

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### Cause:

An NetHasp error can occur while working in a network environment. This errors is usually due to the following:

1. New installation that was not configured correctly.
2. Network protocol mismatch or configuration problem.
3. Changes were implemented to a working system. These changes did not reflect on the stations and they are still working with the old NetHasp configuration.
4. Routers/Firewalls blocking the communication between the protected application and the LM.
5. Busy network with a lot of noise, slowing down the communication to the extent that application reaches time-outs and returns an error. ✓
6. Incompatible version of the LM. ✓
7. Two or more LMs are Conflicting due to similar Identities. ✓
8. Hardware problem or conflict, two or more HASP keys are connected and a transparency problem raises. ✓
9. No Hasp is connected to the computer. ✓
10. The content of the HASP key is missing the requested Program Number.
11. Too many users are connected to the HASP, or the user login request exceeds the number of authorized stations running simultaneously, specified in the HASP memory.

### Solution:

**Error 8-** While trying to connect to the LM, the NetHasp protected application reached the default time-out. This problem can occur due to the reasons specified in the cause section in paragraphs 2 and 5. Please refer to the [following technote](#) to solve the problem.

**Error 15-** This error will appear after the search for the LM was ended without success in locating a LM. This problem can occur due to the reasons specified in the cause section in paragraphs 1,2,3,4 and 5. Please refer to the [following technote](#) to solve the problem.

**Error 19-** The LM returned this error because it received wrong inputs. This problem can occur due to the reasons specified in the cause section in paragraphs 1 and 3. This error means that there is a Syntax Error in the "NetHasp.ini" configuration file. Please download a preconfigured "NetHasp.ini" from [Aladdins web site](#) or review the syntax in the your NetHasp.ini file.

**Error 129-** The request form the LM has arrived to the LM but encountered problems. This problem can occur due to the reasons specified in the cause section in paragraphs 1,3,8 and 9. To solve this problem, please refer to the [following technote](#).

**Error 133-** The current Login request exceeds the number of stations which may run the application simultaneously. You will have to wait until one of users accessing the LM with the protected application logs off. If there are records of fictitious users logged in the LM, you will need to restart the LM to free the fictitious users. To view the users logged in the LM, use the [Aladdin Monitor](#).

**Error 150-** No HASP License Manager with the assigned name was found. This error is returned by the "SetServerByName service." Make sure that the LM was installed with the correct Server name. If you are not using the "SetServerByName service" in your source code, and you are using a "NetHasp.ini" file to call the LM by name, please verify that the correct Server name is specified in the configuration file.

**Error 151-** Two or more different HASP License Managers with the assigned name were found. This error is returned by the SetServerByName service.

If the **"SetServerByName service"** was incorporated within your application source code, there is no way to run two LMs with the same name on the same network with a 100% guarantee that the application will succeed in the login process.

Please use both keys (if they do not have the same passwords) on a single LM by daisy chaining the NetHasp's keys, or by combining them into one key by using the FAS with different program numbers (if they do have the same passwords).

If the **"SetServerByName service"** was not incorporated within your application source code and you are using a **"NetHasp.ini"** file to call the LM by name, please change one of the LM's names and configure the application to work with the appropriate LM name.

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**Error 155** An old version of the License Manager has been found. The API used requires a newer version of the License Manager to be installed.

For Security issues, backwards compatibility was not continued if you incorporated new API functions (from HASP CD 8.1). The new API requires an LM version 8.01 and above. Please upgrade the installed LM.

A new LM can be downloaded [here](#).

**Tip:** Create a simple Win32 / Win16 Enveloped application (depending on the type of your application) such as Windows Notepad with the Envelope that you used to protect your application and create another one with the latest Envelope to rule out the possibility that the problem is your application and not the network.

If the error you are encountering was not mentioned in this technote, please refer to the "NetHasp Status Codes" technote.

## Aladdin Support Technote

### NetHasp Error 15

Problem:

While trying to run my NetHasp protected application, I receive a HASP Error message 15 : "No active HASP License Manager was found."

Cause:

1. New installation that was not configured correctly.
2. Network protocol mismatch or configuration problem.
3. Changes were implemented to a working system. These changes did not reflect on the stations and they are still working with the old NetHasp configuration.
4. Routers/Firewalls blocking the communication between the protected application and the LM.

Solution:

1. Rename any existing [NetHasp.ini](#) configuration files and check whether the error returns. If it does not return, check that the correct parameters are written in the configuration file.
2. Check that there is at least one common protocol between the station running the protected application and the protocols loaded by the LM.
3. If the LM is on a different segment than the station, check the following:
  - o Port 475 is open for communication in the routers and the firewalls in the network. Port 475 is the default communication port of the NetHasp.
  - o Note that NetBios protocols cannot pass segments.
4. Busy network with a lot of noise can slow down communication and the search for the LM could reach a time-out. Use [NetHasp.ini](#) file to direct the application to the right computer. If a busy network is the problem and the default configuration of the NetHasp.ini file does not work, try to increase the time-out length to overcome the time-out problems.
5. It is recommended to wrap a Win32 / Win16 application with the HASP Envelope for network use and try to run it. You might find that the login process passes. In this situation, you should try to use newer versions of Envelope or API objects than the ones used in your protected application.

## Aladdin Support Technote

### HASP License Manager: Testing TCP/IP networks for proper communication

Problem:

Communication between the protected application and the License Manager fails.

**Cause:**

The underlying communication between the computers may be misconfigured or faulty.

The default communication port for HASP LM is 475. In some cases, this port may be blocked by firewalls/port filters or routers.

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**Solution:**

The best way to locate and fix such problems is to consult the local network administrator is , but in some cases this is not an option.

To be able to use NetHASP protected software through firewalls, make sure that port 475 is not blocked.

Alternatively, it is possible to specify another port in configuration file of the client application and in the License Manager (using -portnum switch), but this is not the most recommended solution since other network traffic may overload the License Manager.

To test if there are any interferences in the network communication between the client and the License Manager, use the following commands from the command-line:

**1. Simple communication test:**

ping <ip address>

- Expected result: The message should include the text (0% loss)
- Any number other than zero means that TCP/IP communication is not working properly.

**2. Verifying that License Manager port (475) is open:**

Load the LM on the remote machine and start a Telnet session on the client, using the IP address of the computer with the LM:

telnet <ip address> 475

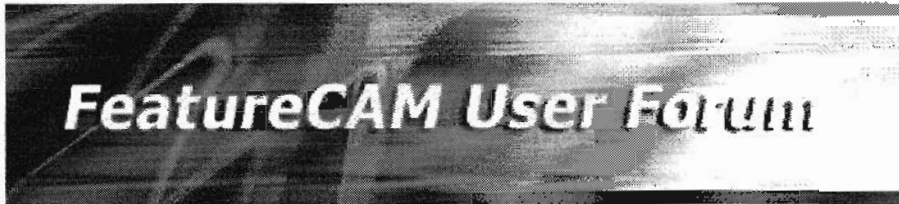
- Expected result: The terminal screen will be cleared; pressing any key will return the message "Connection to host lost."
- Result if the LM could not be reached: "Could not open a connection to host on port 475 : Connect failed". This means that port 475 is blocked.

If the communication works fine, check a test application mentioned such as Aladdin DiagnostiX with a nethasp.ini file configured to use the exact IP address of the LM. If this tests works well, but the protected application fails, the problem may be related to implementation issue. In this case, the software vendor should contact Aladdin's support or the support of the local HASP distributor.

**Background:**

See related HASP KB technotes:

- [NetHASP Error 15](#)
- [Solving common NetHasp problems](#)
- [TCP/IP Address-Based Communication with the NetHASP Key](#)



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## Using FeatureCAM with Tormach, parallel port dongle problem?



[forum.featurecam.com Forum Index -> General](#)

[View previous topic](#) :: [View next topic](#)

### AuthorMessage

**danflick**

Posted: Tue Sep 11, 2007 12:40 am Post subject: Using FeatureCAM with Tormach, parallel port dongle problem? [quote](#)

Joined: 11 Sep 2007  
Posts: 3  
Location: Ashburn, VA

Hi. I'm trying to use FeatureCAM with the Tormach CNC mill, and am having a problem. The Tormach uses a Mach3 controller running on a PC which communicates to the mill using the parallel (printer) port. If the mill is on and I start FeatureCAM, then the mill starts moving erratically. My guess is that FeatureCAM is trying to find a parallel port dongle, and its parallel port signals are being misinterpreted by the Tormach as move commands. Does this sound reasonable? Does anyone know of a way to disable the parallel port dongle for FeatureCAM or otherwise make sure that it doesn't do anything with the parallel port (unless, of course, I ask it to print).

Related question: If I install a PCI card parallel port and put the Tormach on this port, will FeatureCAM poll both parallel ports for dongles, or will it leave the second one alone? This is one possible solution.

[Back to top](#)

[profile](#) [pm](#)

**Edster**

Posted: Tue Sep 11, 2007 11:35 pm Post subject: [quote](#)

Joined: 12 Jan 2007  
Posts: 69  
Location: New Lenox, IL

You might want to install featureCAM on a second computer, then transfer the file to the computer with the tormach control. That way there is no way murphy's law can bite you in the \*ss.

[Back to top](#)

## General Release Notes

### New Licensing

Alphacam V7.5 uses new software licensing to control which modules and levels may be run.

For more information on licensing, please see the **Alphacam V7.5 Licensing** document (if applicable), or the **Alphacam Quick Start Guide** that was shipped with your software.

**IMPORTANT:** If updating from a version prior to 7.5.1.148 and using a DESkey type dongle, it may be required that your existing license be replaced. Simply follow the same License Request process as was done during the initial V7.5 installation and activation process.

### Installation

- **KNOWN ISSUE:** The version (8.1.0.0) of the Sentinel Network License Manager used by Alphacam conflicts with older versions of the same Sentinel Network License Manager software. Installing this on the same system as an older version can cause other software to stop working. ✓

If an existing version of the Sentinel Network License Manager exists and is being used by any other piece of software, such as the Alphacam Part Modeler (uses version 8.0.2.0), the Sentinel Network License Manager used by Alphacam must be installed onto another system.

- **IMPORTANT:** DESkey type dongles will no longer be offered and DESkey drivers are no longer installed. However, the new Alphacam licensing system is capable of locking itself to an existing DESkey. The driver installation is provided on Alphacam CD 1, or can be downloaded from the DESkey web site. If these drivers are needed, they must be installed manually after installing Alphacam.
- The install routine no longer asks for the security key type. The necessary drivers for HASP and Sentinel dongles are installed automatically.
- The install routine no longer asks which module level(s) are to be installed. It now asks for only the module type and creates shortcuts respectively; the level is now determined by the license.
- The install routine now sets all required firewall exceptions automatically. There is no longer a need for the user to set these manually prior to installation.
- **IMPORTANT** (for developers): During installation, previous versions of Alphacam wrote the name and location of the **wlsedit.exe** (Alphaedit) file to the following registry location:

`HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\App Paths\wlsedit.exe`

Alphacam V7.5 no longer does this. Instead, it writes the name and location of **acam.exe** (Alphacam) file to the following registry location:

`HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\App Paths\acam.exe`

## Microsoft Vista Update Causes USB Problems

ARTICLE DATE: 04.16.08

By [Chloe Albanesius](#)

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A recent Vista update is causing headaches for users with USB devices.

Microsoft last week re-released a software update intended to provide performance and reliability enhancements for Windows Vista-based and Windows Vista Service Pack 1-based systems. It was one of eight security bulletins and updates the company made available on April 8.

Users who installed the update, however, soon found their USB devices unresponsive, particularly mice and flash drives. Removing and re-installing the programs reportedly did not immediately solve the problem.

Microsoft confirmed the bug, but declined to provide further details.

"We are aware of concerns that a recent Microsoft update may be causing problems with USB devices," according to a Microsoft spokeswoman. "We are investigating the matter and at this time do not have any additional information to share."

"I have a new system that has been working flawlessly til this patch," a user known as SkyKnites wrote on a Google forum last week. His mouse was later restored, but now "I just get this annoying new hardware found and driver install has failed [notice] every time I reboot," he wrote.

A user known as JB also encountered problems. "I have exactly the same problem as described here, i.e. no cordless mouse and keyboard (via USB)," he wrote. "I run Vista x64 Ultimate which is in a dual boot with XP x64, this means (discovered it today) that my restore points gets whipped. Basically, I don't know how to uninstall the update causing the problem."

Microsoft shipped its first Vista security patch in January 2006 for beta testers running the Windows Vista December CTP (Community Technology Preview) and Windows Vista Beta 1, and warned that the operating system was vulnerable to a remote code execution flaw in the Graphics Rendering Engine.

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## Support / Knowledge Base

### Multiple user profiles conflict with protection key

Unless it is absolutely necessary, we recommend not creating multiple user logons or profiles to your Windows account with your Rain Recording audio computer. Among other issues, multiple profiles can create conflicts with hardware setups such as USB based hardware protection keys, driver sets and other mission critical registry entries.

✓ 21

Since many audio hardware and software products have intricate windows registry entries, the use of multiple user profiles may not have been on the check list for the programmers of these products when they were designed. Therefore this type of setup was not likely tested. In some cases, such as the use of Syncrosoft USB protect dongles (IE used by Steinberg for Cubase and other software) actually can freeze up the keyboard and or mouse communication by not regenerating the registry entries for these devices as each profile is logged onto. Basically the Syncrosoft dongle holds on to it's original resource and registry setting from the master account profile. Not a big issue but frustrating to loose keyboard or mouse control when switching user accounts.

Bottom line: Multiple user account profiles create a level of complexity on the operating system that could affect the stable performance of systems configured for dedicated audio or video usage. Rule of thumb, "when in doubt, leave it out"

#### Useful Links

<http://www.syncrosoft.com/>

Last Modified: April 14, 2007



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Hotfix Download Available  
View and request hotfix downloads

## Stop error when you resume a computer that is running Windows XP or a 64-bit version of Windows Server 2003 from hibernation: "STOP 0x1000007E"

22

View products that this article applies to.

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↘ Windows Server 2003 SP2, x64 versions

↘ STATUS

↘ MORE INFORMATION

### SYMPTOMS

On a computer that is running Windows XP or a 64-bit version of Windows Server 2003, you attach a USB security dongle. In this case, when you resume the computer from hibernation, the computer may crash. Additionally, you may receive the following Stop error message:

```
STOP 0x1000007E( parameter1 , parameter2 , parameter3 , parameter4 )
usbhub.sys
SYSTEM_THREAD_EXCEPTION_NOT_HANDLED_M
```

### RESOLUTION

#### Hotfix information

#### Hotfix for Windows XP Service Pack 2 (SP2)

A supported hotfix is available from Microsoft. However, this hotfix is intended to correct only the problem that is

described in this article. Apply this hotfix only to systems that are experiencing this specific problem. This hotfix might receive additional testing. Therefore, if you are not severely affected by this problem, we recommend that you wait for the next software update that contains this hotfix.

If the hotfix is available for download, there is a "Hotfix download available" section at the top of this Knowledge Base article. If this section does not appear, contact Microsoft Customer Service and Support to obtain the hotfix.

**Note** If additional issues occur or if any troubleshooting is required, you might have to create a separate service request. The usual support costs will apply to additional support questions and issues that do not qualify for this specific hotfix. For a complete list of Microsoft Customer Service and Support telephone numbers or to create a separate service request, visit the following Microsoft Web site:

22a

<http://support.microsoft.com/contactus/?ws=support> (<http://support.microsoft.com/contactus/?ws=support>)

**Note** The "Hotfix download available" form displays the languages for which the hotfix is available. If you do not see your language, it is because a hotfix is not available for that language.

#### Prerequisites

To apply this hotfix, you must have Windows XP SP2 installed.

#### Restart requirement

You have to restart the computer after you apply this hotfix.

#### Hotfix replacement information

This hotfix does not replace any other previously released hotfixes.

#### Registry information

To use this hotfix, you do not have to make any changes to the registry.

#### File information

The English version of this hotfix has the file attributes (or later file attributes) that are listed in the following table. The dates and times for these files are listed in Coordinated Universal Time (UTC). When you view the file information, it is converted to local time. To find the difference between UTC and local time, use the **Time Zone** tab in the **Date and Time** item in Control Panel.

#### Windows XP SP2, x86-based versions

File name	File version	File size	Date	Time	Platform
Usbhub.sys	5.1.2600.3325	59,520	04-Mar-2008	09:13	x86

#### Hotfix for 64-bit versions of Windows Server 2003 Service Pack 1 (SP1)

A supported hotfix is available from Microsoft. However, this hotfix is intended to correct only the problem that is described in this article. Apply this hotfix only to systems that are experiencing this specific problem. This hotfix might receive additional testing. Therefore, if you are not severely affected by this problem, we recommend that you wait for the next software update that contains this hotfix.

If the hotfix is available for download, there is a "Hotfix download available" section at the top of this Knowledge Base article. If this section does not appear, contact Microsoft Customer Service and Support to obtain the hotfix.

**Note** If additional issues occur or if any troubleshooting is required, you might have to create a separate service request. The usual support costs will apply to additional support questions and issues that do not qualify for this specific hotfix. For a complete list of Microsoft Customer Service and Support telephone numbers or to create a separate service request, visit the following Microsoft Web site:

<http://support.microsoft.com/contactus/?ws=support> (<http://support.microsoft.com/contactus/?ws=support>)

**Note** The "Hotfix download available" form displays the languages for which the hotfix is available. If you do not see your language, it is because a hotfix is not available for that language.

#### Prerequisites

To apply this hotfix, you must have Windows Server 2003 SP1 installed.

#### Restart requirement

You have to restart the computer after you apply this hotfix.

#### Hotfix replacement information

This hotfix does not replace a previously released hotfix.

### Registry information

To use this hotfix, you do not have to make any changes to the registry.

### File information

The English version of this hotfix has the file attributes (or later file attributes) that are listed in the following table. The dates and times for these files are listed in Coordinated Universal Time (UTC). When you view the file information, it is converted to local time. To find the difference between UTC and local time, use the **Time Zone** tab in the **Date and Time** item in Control Panel.

#### Windows Server 2003 SP1, x64 versions

File name	File version	File size	Date	Time	Platform
Usbhub.sys	5.2.3790.3141	104,448	15-May-2008	15:10	x64

226

#### Hotfix for 64-bit versions of Windows Server 2003 Service Pack 2 (SP2)

A supported hotfix is available from Microsoft. However, this hotfix is intended to correct only the problem that is described in this article. Apply this hotfix only to systems that are experiencing this specific problem. This hotfix might receive additional testing. Therefore, if you are not severely affected by this problem, we recommend that you wait for the next software update that contains this hotfix.

If the hotfix is available for download, there is a "Hotfix download available" section at the top of this Knowledge Base article. If this section does not appear, contact Microsoft Customer Service and Support to obtain the hotfix.

**Note** If additional issues occur or if any troubleshooting is required, you might have to create a separate service request. The usual support costs will apply to additional support questions and issues that do not qualify for this specific hotfix. For a complete list of Microsoft Customer Service and Support telephone numbers or to create a separate service request, visit the following Microsoft Web site:

<http://support.microsoft.com/contactus/?ws=support> (<http://support.microsoft.com/contactus/?ws=support>)

**Note** The "Hotfix download available" form displays the languages for which the hotfix is available. If you do not see your language, it is because a hotfix is not available for that language.

### Prerequisites

To apply this hotfix, you must have Windows Server 2003 SP2 installed.

### Restart requirement

You have to restart the computer after you apply this hotfix.

### Hotfix replacement information

This hotfix does not replace any other previously released hotfixes.

### Registry information

To use this hotfix, you do not have to make any changes to the registry.

### File information

The English version of this hotfix has the file attributes (or later file attributes) that are listed in the following table. The dates and times for these files are listed in Coordinated Universal Time (UTC). When you view the file information, it is converted to local time. To find the difference between UTC and local time, use the **Time Zone** tab in the **Date and Time** item in Control Panel.

#### Windows Server 2003 SP2, x64 versions

File name	File version	File size	Date	Time	Platform
Usbhub.sys	5.2.3790.4295	104,448	15-May-2008	15:47	x64

## STATUS

Microsoft has confirmed that this is a problem in the Microsoft products that are listed in the "Applies to" section.

## MORE INFORMATION

For more information, click the following article number to view the article in the Microsoft Knowledge Base:

824684 (<http://support.microsoft.com/kb/824684/>) Description of the standard terminology that is used to describe

## The system may not correctly detect a Rainbow Sentinel SuperPro USB dongle when a computer that has Winternals Administrator's Pak installed is running Windows XP or Windows Server 2003

View products that this article applies to.

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### SYMPTOMS

A computer that has Winternals Administrator's Pak installed is running Microsoft Windows XP or Microsoft Windows Server 2003. On this computer, the system may not correctly detect a Rainbow Sentinel SuperPro USB dongle. This problem prevents the validation of dongle-enabled license keys for Winternals Administrator's Pak.

Article ID	: 935066
Last Review	: July 20, 2007
Revision	: 2.0

When this problem occurs, Device Manager may display a USB device with an exclamation point in the **Other devices** node.

### RESOLUTION

To resolve this problem, install the latest Sentinel Protection Driver package. To download this package, click the following SafeNet Web link:

<http://www.safenet-inc.com/support/files/Sentinel%20Protection%20Installer%207.0.0.zip> (<http://www.safenet-inc.com/support/files/sentinel%20protection%20installer%207.0.0.zip>)

After you install the latest driver, Device Manager correctly displays the **Rainbow USB SuperPro** dongle in the **Universal Serial Bus controllers** node.

Microsoft provides third-party contact information to help you find technical support. This contact information may change without notice. Microsoft does not guarantee the accuracy of this third-party contact information.

### MORE INFORMATION

The updated driver applies to Rainbow Sentinel SuperPro USB dongles only. Parallel port dongles are correctly detected by the following operating systems:

- Microsoft Windows NT 4.0
- Microsoft Windows 2000
- Windows XP
- Windows Server 2003

The third-party products that this article discusses are manufactured by companies that are independent of Microsoft. Microsoft makes no warranty, implied or otherwise, about the performance or reliability of these products.

### APPLIES TO

- Winternals Administrator's Pak 4.2
- Winternals Administrator's Pak 5.0

**Keywords:** kbtshoot kbexpertiseinter KB935066

Help and Support

**Microsoft**  
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AlphaCam uses the Sentinel License Manager but it conflicts with older versions of the same software causing the other software to stop working. (Exhibit x) 19

Microsoft in April of 2008 put out a update to Windows Vista, called service pack 1. And if you had automatic updates selected, which is suggested, you would have received it. What you would have found out was that many users found their USB devices (dongles) unresponsive and removing and reinstalling the programs did not solved the problem. It took weeks before the issue was resolved. ( 20 )

At Rainrecording, they document that multiple profiles can create conflicts with hardware setups such as USB based hardware protection keys, Since many audio hardware and software products have intricate windows registry entries, the use of multiple user profiles may not have been on the check list for the programmers of these products when they were designed. Therefore this type of setup was not likely tested. 21

Microsoft has listed certain dongle incompatibilities with its operating systems. Stop error when you resume a computer that is running Windows XP or a 64-bit version of Windows Server 2003 from hibernation (exhibit ) and another, 22

The system may not correctly detect a Rainbow Sentinel SuperPro USB dongle when a computer that has Winternals Administrator's Pak installed is running Windows XP or Windows Server 2003 (exhibit ) 23

# Help Database

Average User Rating: 

Chief Architect Help Database - Article Number: 209

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## What driver is needed for my hardware lock?

The information in this article applies to:

Chief Architect X1  
Chief Architect 10  
Chief Architect 9.5  
Chief Architect 9.0  
Chief Architect 8.0  
Chief Architect Home Edition 5.0  
Chief Architect 7.0  
Chief Architect 6.0  
Chief Architect 97

### DESCRIPTION

I receive one of the following error messages when I start Chief Architect:

- "Unexpected error."
- "No appropriate hardware lock was found."
- "Invalid Hardware Lock"
- "This version of Chief Architect requires a network hardware lock. Contact your system administrator."

### CAUSE

These error messages are associated with having an incorrect, or no, hardware lock drivers installed on your computer system. This may happen if you have updated your operating system to a version that was not supported by the drivers that were included on the Chief Architect CD.

**Important Notice for Windows XP Service Pack 2 Users:** Due to continuing changes in the security of Windows XP Service Pack 2, the hardware lock drivers shipped with Chief Architect

9.5 and older will not install properly on computers using this operating system. Users of Version 10 and later should not experience this problem; but in some situations, automatic installation of the drivers may fail.

24a

## RESOLUTION

In most cases, you can resolve this issue by downloading and installing updated drivers for your hardware lock.

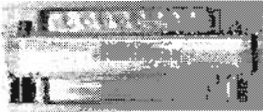
To update your hardware lock drivers

1. Before installing new hardware lock drivers, be sure to download and install the most current Program Update of your Chief Architect version.
2. Locate the hardware lock that you are using from the images below.
3. Beneath each image, you will find one or more links to the drivers needed for the lock in question.
  - o Files ending in .exe should be downloaded onto your computer and installed.
  - o Files ending in .zip should be downloaded onto your computer, unzipped, and installed.

To unzip a file using Windows XP, right-click on it and select **Extract All** from the menu that displays.

4. In some instances, it is also necessary to first uninstall the existing hardware lock drivers before installing the updated drivers, which can be accomplished in the Windows Add or Remove Programs dialog.

Important NOTE: If your serial number starts with CFN, you have a network license and it is necessary to have the HASP License Manager running. For more information, see article 185 in this database: "No appropriate hardware lock found" when installing a network lock.



Rainbow Technologies merged with SafeNet, Inc in 2004. To update the driver for a Rainbow Sentinel Super Pro parallel lock, visit <http://www.safenet-inc.com/>.

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The lock displayed above is used with these program versions:

- Chief Architect 7.0
- Chief Architect 6.0
- Chief Architect 97

### **MORE INFORMATION**

While every effort is made to verify that the hardware lock drivers for your version of Chief Architect install and work correctly, the writing of these drivers is done by the vendors that provide the hardware lock technology. Changes to operating systems that are beyond our control may cause existing drivers to fail. Our support and engineering staff are constantly evaluating methods to make this technology work smoothly and continue to work with our vendors to provide the best solutions possible.

Last updated on: 09-17-2008

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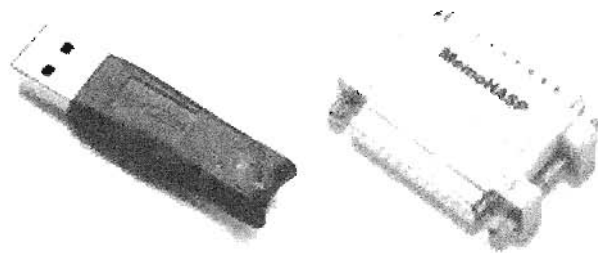
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Go

# HASP Standalone Dongles

25



## Drivers Located at:

**On CD:** \Dongles\HASP\hdd32.exe

**WWW:** <http://www225.pair.com/magic/ftp/HASP-drivers-latest.zip> (Now with Vista support)

- Home
- Marine
- Structural
- Company
- Support
- Maxsurf
- Multiframe

## Diagnostic Utilities Available:

### Diagnostix

**On CD:** \Dongles\NetHASP\aksdiag\diagnostix.exe

**WWW:** [http://www225.pair.com/magic/ftp/DiagnostiX\\_Installer.zip\\_\(1.10\)](http://www225.pair.com/magic/ftp/DiagnostiX_Installer.zip_(1.10))

- ShipConstructor
- Dongle
- Problems
- USB
- issues
- HASP
- NetHASP

Latest versions always found at:

<http://www.aladdin.com/support/hasp/hasp4/enduser.asp>

- NetSentinel
- Sentinel

- Microguard
- Unikey

## Current Known Issues:

Current issues with the HASP dongles include:

- DonkeyPublic
- Lost
- Dongles
- Contacting

**Problem:** Windows XP/Windows Server 2003 produces an error when attempting to



[Support](#)  
[Website](#)  
[Access](#)  
[Users](#)

install the drivers. This seems to have been caused by some changes Microsoft made in some recent Windows Updates. 25a

**Workaround:** In order to get around this please download the latest (version 4.98 or above) drivers using the link above and install them to rectify the problem.

**Problem:** I've installed the latest drivers for my USB device, but it still doesn't work. ✓

**Solution:** USB devices are detected when they are first plugged in - and sometimes Windows will mark a device as bad if it cannot find the right drivers for it.

If you continue to have problems even after installing the latest drivers then try the steps on the [common USB](#) issues page.

**Problem:** Installation seems to hang while installing HASP drivers. ✓

**Workaround:** Unfortunately the HASP drivers do seem to do this under certain circumstances - though it hasn't actually hung - it just takes *several minutes* to complete.

We're unsure why this occurs - it's unfortunately the drivers from our dongle manufacturer that cause the delay and not our own software - but if you give it some more time then it will install eventually. Make sure you close all other applications or minimise all windows, because else the "Hasp Driver installation Complete" dialog can appear in the background.

**sales**

---

**From:** AI [REDACTED]  
**Sent:** Monday, March 20, 2006 12:47 PM  
**To:** sales@donglefree.com  
**Subject:** Price Quote

26

We currently have two Alladin NetHasp-10 dongles representing 3 licenses for EDX Signal™. These dongles remain plugged in to a server running Alladin's Hasp Manager allowing us use of up to three instances of EDX Signal™ as long as the user is connected to the network either in-house or via VPN internet access. We are encountering situations where poor internet connectivity causes VPN dropouts effectively locking sessions in progress while the Hasp Manager continues to tally the "license" to be in use. Our firm is now down to a total of 3 engineers, with one dongle representing 2 licenses we can't simply have each engineer carry around their own dongle, even if that were a viable solution.

EDX's response has been "Well, you are correct that the software is yours to use in perpetuity. If you'd care to sign up for a maintenance contract we would consider providing you with a possible solution." Apparently they have spent the \$20k+ that we paid for their software and want additional compensation.

Since much of our work is now performed in a mobile environment using desktop class laptop machines we are seeking an alternative solution which will allow us to continue to use the software.

AI [REDACTED]  
Senior Technical Consultant



**sales**

---

**From:** Aaron [REDACTED]  
**Sent:** Tuesday, May 06, 2008 4:28 PM  
**To:** 'sales'  
**Subject:** dongle replacement

27

Dear Spectrum Software,

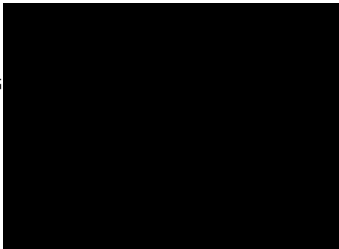
We have a program called EPCI/RACE and we have had problems with our dongle and the software company has been unwilling to help us.

This software that we have already paid for, is vital to our company's financial health.

Would you be able to provide us with a replacement dongle?

Thank you,

AARON [REDACTED]



**sales**

---

**From:** selma [REDACTED]  
**Sent:** Tuesday, January 03, 2006 12:50 AM  
**To:** tech@donglefree.com  
**Subject:** [SPAM]Dongle not getting recognised when using a Converter...

28

Hi,

We are using a hardware lock dongle for the software.  
The dongle is a parallel port connecting dongle.

When I try to connect to an USB port using a "Parallel Port to a USB Port" Connector, the  
dongle is not getting recognised.

Can you please let me know what can be done to make it recognised?

Thanks,  
Selma.

---

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dsl.yahoo.com

## Adapter CARD

Metrowerks uses a Command Converter Server which is part of the CodeWarrior software. The CCS usually appears in the icon window next to the time once the OCDemon Wiggler is tried. Double click on the icon for the CCS. This will open a window that looks and acts like a command prompt. The following commands need to be entered.

- delete all
- config cc lpt:0xFFFF0 (where 0xFFFF0 is the address of the parallel port)
- save cc
- config save

29

These commands should point the CCS to the correct parallel port, save the configuration for later use, and allow use.

made by SAFE-NET

**Q29.** Can I use the Quatech SPP-100 with my Keylok or Husqvarna Viking Dongle? ✓

**A.** Both manufacturer's said that their dongles will not work with a USB or Parallel PCMCIA parallel port.

**Q30.** Will my Activator dongle work with the SPP-100? ✓

**A.** The Activator dongle does not work with the SPP-100.

**Q31.** When installing a product, I get an error message stating "The System Cannot Find the File Specified." How can I fix this?

**A.** Windows 2000/XP has a bug that it cannot properly detect new hardware by \*.inf files, if the RunOnce registry key is missing. This key is often used by installers to execute post-reboot programs, but sometimes they accidentally delete this key.

Go to Start » Run and enter "regedit"

Go to HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion

With CurrentVersion Highlighted, go to the Edit menu and select New » Key

Name the key RunOnce - Leave everything else about the key alone.

The RunOnce key should now exist underneath the CurrentVersion key.

Reboot your PC.

Once the key exists, Windows 2000/XP stops redetecting the Hardware

**Q32.** What are the output signal levels at the DB25 connector when plugged into a laptop capable or providing either 3.3V or 5V to the PCMCIA card?

**A.** The SPP-100 has an on-board 5V DC-DC converter, so output voltages will always be 5V TTL, even when plugged into a 3.3V slot.

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# Problem with DC5800 Parallel Port Recognizing Dongle

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» Business Support Center

HP Passport Sign-in User ID:

Password:

» Register » Learn more...

### Tasks

- » Download drivers and software
- » Troubleshoot a problem
- » Setup, install, and configure
- » Discover and use a product
- » Perform regular maintenance
- » Upgrade and migrate
- » Recycle and dispose

### » Resources

- » Diagnose problem (HP Instant Support)
- » Support Forums
- » Manuals
- » Sign up: driver and support alerts
- » Parts information
- » Warranty information

» Help » Sitemap

» IT professionals

### Member icons

HP moderator Expert in this area

### Member status

- Shining 150 points
- Bright 300 points
- Radiant 750 points

Start New Thread» Notify Me» Reply»

Author

Subject: Problem with DC5800 Parallel Port Recognizing Dongle

greynolds555

Jun 25, 2008 17:26:32 GMT

We have been using software for years which requires the use of a dongle located on the parallel port. This has never been a problem as far as the D530 models. Anything newer after that (Dc7600, DC7700, DC5800) do not recognize the dongle, therefore the software is useless to us.

I have tried all that I know. I have made sure bios was set correctly (EPP + SPP) and that device manager forced LPT1 to use IRQ7, DMA3, etc...I set the port for legacy mode as well, yet the software still does not recognize the dongle. Any suggestions would be greatly appreciated. Thank you!

Note: If you are the author of this question and wish to assign points to any of the answers, please login first. For more information on assigning points, click here

Sort Answers By: Date or Points

Rich S

Jun 25, 2008 17:32:29 GMT Unassigned

Have you contacted the software company?

Sounds like it is in their court...

Rich

greynolds555

Jun 25, 2008 17:35:07 GMT N/A: Question Author

Yes we have contacted them. They say they have not had any problems with any other customers. There is currently not a USB solution for the dongle, so we are stuck. I dont mind finding out if it really is just a hardware compatibility between us and them, however I just want to know for sure. What is the difference between the onboard parallel on a d530 as opposed to the newer models?!

Rich S

Jun 25, 2008 17:38:39 GMT Unassigned

Most companies have gone to USB dongles now for that very reason.

Have you tried a parrallel to USB converter?

[http://www.ebusinesscables.com/conversion\\_products2.htm](http://www.ebusinesscables.com/conversion_products2.htm)



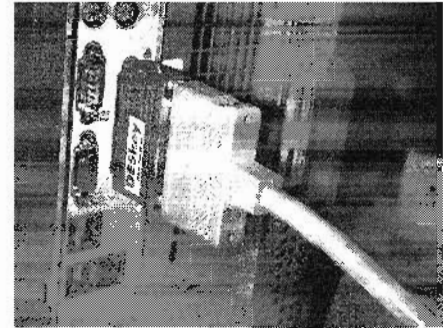
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CAD/CAM Software for All Woven Textiles

## DK2 - Printer Port Dongle

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The **parallel printer port DK2** plugs into the 25-pin printer port (often call a "Centronics" printer port). Most pcs have only one printer port, labeled LPT1, but the DK2 dongle will also work in a second port, LPT2, if fitted.

The printer port DK2 is compatible with **all Windows® versions**, including Windows® XP, and is generally robust and reliable in operation. You can connect a printer to the free end of the dongle and you can piggyback the dongle onto other parallel port dongles.

**Note** : do not piggyback two ScotWeave dongles, or a ScotWeave dongle and a StudioMaster dongle together as this will corrupt the data inside one or both of the dongles. ✓

If you have problems with a DK2 dongle please check the following - ✓

1. Ensure the DK2 is correctly connected to a **working printer port**
2. **Do not attach a zip-drive** to the free end of the dongle
3. Some **printer port scanners** may not work correctly if attached to the DK2
4. Some **"bi-directional" printers** may show problems - [more information](#)

### ScotWeave DK2 Error Messages and Solutions

**257 DK2 dongle driver not installed.** Install the driver software -[more information](#).

**258 DK2 dongle not found.** Check that the DK2 is connected to a working printer port. Remove any cables connected to the DK2 and try again.

In the unlikely event that the data inside your ScotWeave DK2 dongle becomes corrupted then the dongle can be reprogrammed and fixed by a simple update which can be sent to you from ScotWeave by e-mail. Please [contact us](#) if you feel there is a problem with your dongle.

If, for some reason, you cannot use a printer port DK2 dongle (i.e. there is a technical problem with your printer port or the port is already used with another dongle) then ScotWeave can now supply a USB version of the DK2.





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**ROCKEY4**  
hardware-based software security



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## Related Topics

### ROCKEY4

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ROCKEY4 Tools  
Why ROCKEY4?  
Which ROCKEY4?  
How do I start?  
Developer's Downloads  
Technical Specs  
General FAQs  
Technical FAQs

**NEW ! ROCKEY4ND**

### NetROCKEY4

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NetROCKEY4 Tools  
Why NetROCKEY4?  
How do I start?  
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Technical Specs  
General FAQs  
Technical FAQs

**NEW! NetROCKEY4ND**

## Product Updates

**Jan2007**

ROCKEY4 achieve Windows Vista Signature which insures device drivers comply to high quality and interoperability set by Microsoft



Windows Vista

[Click here to download.](#)

**Jun 2006**

To meet with EU Directive

## ROCKEY4 Technical/Troubleshooting FAQ

This faq or frequently asked questions are for troubleshooting purposes or technical support.

**Useful Tips for Diagnosing ROCKEY4 problems, please try below before proceed to the FAQs.**

Step 1 : Unplug ROCKEY4 dongle from PC, uninstall ROCKEY4 driver completely and reboot the system.

Step 2 : Reinstall ROCKEY4 driver, please make sure you are using latest ROCKEY4's driver, to download click [here](#).

Step 3 : Plug ROCKEY4 to the PC and run ROCKEY4 Editor to change on the dongle, if can find then ROCKEY4's driver is working fine. Else uninstall -> reboot -> reinstall -> reboot then repeat Step 3. If problem, try with another port or PC.

**1. I received an error -1 or the system can't detect the dongle at certain times when I try to run my program using ROCKEY4. What is that?**

For the error-1, it means that the error is an unknown error, but is not serious, such as when a PC hangs or freezes, you only have to restart it and if that does not solve the problem you have to look for alternative solutions.

**2. The system cannot find the Parallel Port (LPT) ROCKEY4 even when it is attached. Why?**

There can be several possible causes for this:

**A: The printer attached to ROCKEY4 is powered off.**

If a printer or any other peripheral device is attached to the parallel port ROCKEY4, you should turn the power of that device on. ROCKEY4 dongles require a voltage of about 2.2 volts, and this power is supplied by the mainboard through the parallel port so if a peripheral device is attached to the ROCKEY4 dongle, the dongle may not receive enough power to be activated.

2002/95/EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS ). ROCKEY has done abundant preparations to offer our customers RoHS compliance products



#### Sep2006

NetROCKEY4ND a new enhanced driverless version of NetROCKEY4 is now ready for order.

[Click here for details](#)

#### Nov2005

ROCKEY4's family is now support x64 applications. Please check for latest device driver.

#### Oct2005

ROCKEY4ND a new enhanced driverless version of ROCKEY4 with more than 1K usable memory is now ready for order.

[Click here to for details.](#)

#### Sep2005

ROCKEY4's utilities now come with few new value added tools such as Remote Update and Data Recorder. Our Enveloper is also added with more protection criteria options.

[Click here to download.](#)

#### Apr 2004

ROCKEY4 achieve XP Signature which insures device drivers comply to rigid quality and interoperability set by Microsoft.



[Click here to download](#)

#### Mar 2002

ROCKEY's dongles achieve CE Conformance Verification.



#### Jun 2000

ROCKEY4 dongle is awarded as Gold Prize winner at 2000 China International Software Expo and Technical Review Conference.

### B: ROCKEY4 does not support the parallel mode. ✓ 32a

The diversity of computers leads to many different parallel modes, ROCKEY4 dongles support most modes, but for some special modes it is possible that the system cannot find ROCKEY4, or ROCKEY4 dongles do not work well with them. What you need to do is to change the parallel modes, eg. set the port mode in the CMOS setup to ECP or vice versa. If the operating system is Windows NT/2000, you may have to reinstall the driver after you have changed the parallel port modes.

### C: The drivers are not properly installed.

ROCKEY4 requires the installation of drivers, so the settings of drivers may affect the operation of ROCKEY4. There are 4 options when installing the drivers: "Install ROCKEY parallel driver", "Install ROCKEY USB driver", "Detect-print-busy mode" and "Not-detect-print-busy mode", we suggest users to choose "Install ROCKEY parallel driver", "Install ROCKEY USB driver", and "Detect-print-busy mode". In Windows NT/2000 only the administrator has the privilege to install drivers.

### D: ROCKEY4 is not compatible with other devices.

The parallel port was not designed to connect many devices at the same time, and in theory only one device can be attached to the parallel port at any one time. With the users in mind, ROCKEY4 was designed to allow the standard devices, such as printers and scanners, to attach to it, but we cannot guarantee that ROCKEY4 is compatible with all these devices. Unplug the device to see if it is a compatibility problem.

### E: ROCKEY4 is not compatible with certain PCI-based Parallel Add-on cards ✓

Another issue is that ROCKEY4 LPT cannot work with certain PCI-based parallel port cards. ROCKEY4 will treat the card as a sort of hack attack and therefore refuse to communicate with it or the card does not supply enough power to the dongle for it to operate efficiently. If this is the case, we suggest using a USB port ROCKEY4 instead.

### F: There may be a driver or software conflict on the system

Sometimes, the PC drivers may be conflicted or it may be conflict with any of the programs although this is highly rare. Solution: Restart the PC and run the program again. If it still cannot run, try starting up the PC with minimal drivers and programs and check to see if it can run. If it can, means that it is a software conflict.

### G: Driver is busy

This error can occur when the driver or dongle is busy and/or communications between the dongle and PC are interrupted. To rectify this situation, you can add a loop to your program when checking for the dongle. This will ensure that the program will check for the dongle more than once and be able to recognise it properly.

### 3. The system cannot find the USB ROCKEY4?

ROCKEY4 requires the installation of drivers, so the settings of drivers may affect the operation of ROCKEY4. There are 4 options when installing the drivers: "Install ROCKEY parallel driver", "Install ROCKEY USB driver",

"Detect-print-busy mode" and "Not-detect-print-busy mode", we suggest users to choose "Install ROCKEY parallel driver", "Install ROCKEY USB driver", and "Detect-print-busy mode". In Windows NT/2000 only the administrator has the privilege to install drivers. 326

The indicator LED may help you to find the reason for this. If the indicator is bright all the time, it indicates that the dongle works well; if it winks once every second, the drivers are not installed or something wrong with the USB port; otherwise the dongle is defective. If the indicator is not bright and the system prompts "Found USB Device", it indicates the dongle is defective, otherwise there is a bad connection or something wrong with the USB port.

To check the USB port: when you first attach ROCKEY4 to the computer the system should prompt "Found USB Device" and install the drivers for it, otherwise the USB port must have a problem, which is usually caused by the incorrect installation of the drivers for the USB controller or the USB function is disabled in CMOS setup, or there is a hardware failure in the USB port of the mainboard. You may test the USB port with another USB device, such as a USB mouse.

#### **4. Can I connect ROCKEY via a USB Hub?** ✓

ROCKEY works fine with most USB hubs. On rare occasions the dongle may not be detected through the hub due to inadequate output voltage. Please check the integrity of the USB port by trying a different USB device in the same port. For USB 2.0 hubs in particular, please make sure that the power supply is connected.

#### **5. Why does my screen display an unknown device after I plug in the USB ROCKEY4?**

It may be caused by interference or bad contact points. Try unplugging the device and then plugging it in again.

#### **6. My computer has a USB port and I am using Windows 98/98SE. Why is the USB device not listed in the device manager?**

It is possible that the USB support option inside the BIOS has been disabled. You can enable USB support in the CMOS functions menu when your computer is booting up.

#### **7. After the program written in FoxPro or VB is encrypted with the API call, RYDLL32.DLL cannot be found, why?**

Although the file *RYDLL32.DLL* is under the same directory as the program, FoxPro and VB programs will only search for DLLs under the system directory, so you should copy the file *RYDLL32.DLL* into the system directory.

#### **8. Why can't I find a specific dongle when I attach them to the same parallel port?** ✓

When users have several applications protected with different ROCKEY4s, they may cascade these dongles together. In most cases there is no problem for them to work together, but sometimes when you try to use one application you are given the message "Can not find ROCKEY".

- When the system sends its request to ROCKEY4, a value will be

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returned to specify the next operation. If several dongles are cascaded, every dongle will receive the request and respond to it, so once the return signals are interfered by one another, the system is puzzled, and it cannot recognize the dongle.

✓

### 9. Can ROCKEY4 support enveloping for DOS-based programs?

ROCKEY4 does not currently support enveloping on DOS-based programs, only Windows-based programs can be enveloped at this point.

### 10. I have put the DLL file(s) in the proper locations on the PC/I have installed the OCX drivers but the system still cannot detect the ROCKEY4 dongle. Why?

You will still need to install the drivers for the dongles either using the InstDrv.exe installation file or InstDLL.DLL file. Otherwise, the dongles will not be able to be detected by the system and your program will give you an error. If you have already installed the proper drivers, please refer to question 2 above.

### 11. Is there any difference when using DLL or OCX in my API?

There should be no discernible difference between the two. Both are equally effective.

### 12. How do I prevent shared devices from sharing a single ROCKEY?

It is quite easy to prevent ROCKEY sharing between shared devices. Simply generate a random number when the program starts, and write this number in a specified address on ROCKEY dongle. During program execution, check the number in the specified address to verify that it is the number you had previously written. If another computer runs this program during this period, and tries to use the same dongle, a different random number will have been written to this address.



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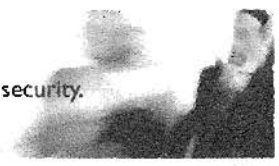


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#### SafeNet Announces Fourth Quarter and Full Year 2006 Preliminary Financial Results Date - Company Reaffirms Previous Financial Guidance



**BALTIMORE, Maryland - January 30, 2007-** SafeNet (NASDAQ: SFT), setting the standard for Information security, will release and discuss its fourth quarter and full year 2006 financial results on February 27, 2007. The conference call is scheduled for 5:00 pm ET.

Management is reiterating its previously disclosed financial guidance. This guidance includes revenues from product shipments and services:

- Q4 2006: \$78 million to \$82 million
- FY 2006: \$288 million to \$292 million
- Q1 2007: \$67 million to \$70 million
- FY 2007: \$318 million to \$326 million



This guidance excludes the impact of the revenue restatements disclosed on January 9, 2007.

"While we haven't closed the books, it is looking like we will finish 2006 in a strong position. At the same time, we are encouraged by the growth in pipeline and backlog. These are trends SafeNet has not experienced in some time," said Walter Straub, Chairman and Interim CEO. "As such, we have reason to have further confidence in our business. These growth trends are particularly encouraging in light of the fact that they have occurred alongside strong revenue performance in the midst of the restatement process."

To join SafeNet in the conference call, dial 1-800-510-9836 and use passcode 39835519 within the United States. If you are calling from outside the U.S., please dial 1-617-614-3670 and use the same passcode.

The conference call will also be available via live webcast on SafeNet's Investor Relations Web site at [www.safenet-inc.com/ir](#). A replay of the conference call will be immediately available via webcast on SafeNet's Investor Relations site.

**About SafeNet, Inc.**  
SafeNet (NASDAQ: SFT) is a global leader in information security. Founded more than 20 years ago, the company provides complete security utilizing its encryption technologies to protect communications, intellectual property and digital identities, and offers a full spectrum of products including hardware, software, and chips. UBS, Nokia, Fujitsu, Hitachi, ARM, Bank of America, NetGear, the Departments of Defense and Homeland Security, Adobe, Samsung, Texas Instruments, the U.S. Internal Revenue Service and scores of other customers entrust their security needs to SafeNet. For more information, visit [www.safenet-inc.com](#).

#### "Safe Harbor" Statement under the Private Securities Litigation Reform Act of 1995

The statements contained in this release, which are not historical facts, are forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. These statements are subject to uncertainties that could cause actual results to differ materially from those set forth in or implied by forward-looking statements. Important factors that could cause actual results to differ materially are included but are not limited to those listed in Fracon technologies AG and SafeNet's periodic reports and registration statements filed with the Securities and Exchange Commission and neither company assumes any obligation to update information concerning its expectations.

Editor's Note: SafeNet is a registered trademark of SafeNet, Inc. All other trademarks are the property of their respective owners.

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April 2008

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# Corporate Presentation



**Aladdin**<sup>®</sup>  
SECURING THE GLOBAL VILLAGE

# Q1 2008 Earnings Results

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- **Revenue: \$30 million** ▲ + 19%
  - SW DRM Revenue: \$19m ▲ + 12%
  - Enterprise Security Revenue: \$11m ▲ + 32%
- **Operating Income: \*\$2.2 million** ▲ + 20%
- **Net Income: \*\$4 million**
- **Earnings Per Share: \*\$0.29**
- **Cash: \*\*\$95 million**

AUTOMOTIVE  
BANKING  
B-TO-B  
C-TO-C  
ENTERPRISE SECURITY  
EDUCATION  
E-COMMERCE  
GOVERNMENT  
GAMING  
HEALTHCARE  
MANUFACTURING  
PUBLISHING  
LAW ENFORCEMENT  
SPORTS

\* Non-GAAP



## Revenues

- \$123 million to \$130 million  
**Compared to: \$105.9 million in fiscal year 2007**

## EPS

- GAAP: \$1.08 to \$1.18  
**Compared to: \$1.02 in fiscal year 2007**
- Non-GAAP: \$1.20 to \$1.30  
**Compared to: \$1.20 in fiscal year 2007**

## Lowered EPS guidance is a result of:

- Strong Israeli shekel
- Consolidation of Athena Smartcards



# Aladdin Snapshot

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<b>Founded:</b>	1985, publicly traded since 1993
<b>Headquarters:</b>	Tel Aviv, Israel
<b>Global Presence:</b>	USA, UK, Germany, France, The Netherlands, India, Spain, Italy, Japan and China
<b>Employees Worldwide:</b>	468
<b>Strong Financial Momentum:</b>	Q1/08 revenues: \$30.0M Q1/08 profits: \$2.5M (Non-GAAP) 2007 revenues: \$105.9M 2007 profits: \$17.6M (Non-GAAP)
<b>World Renowned Products:</b>	Global leader in <b>Software DRM</b> (Digital Rights Management), fast growth, innovative <b>Enterprise Security</b> products

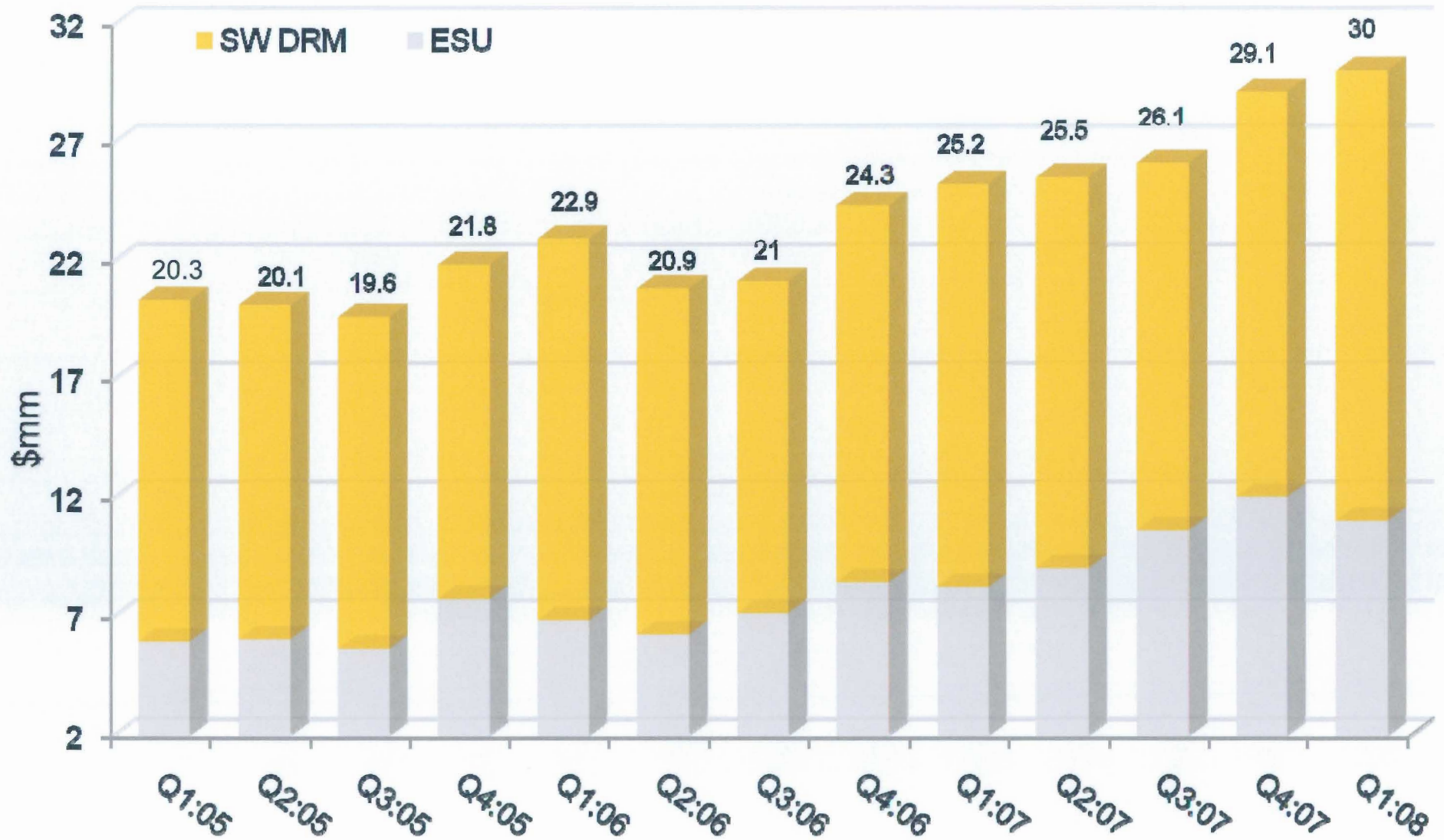
# Annual Revenues are Growing

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# Quarterly Revenues are Growing

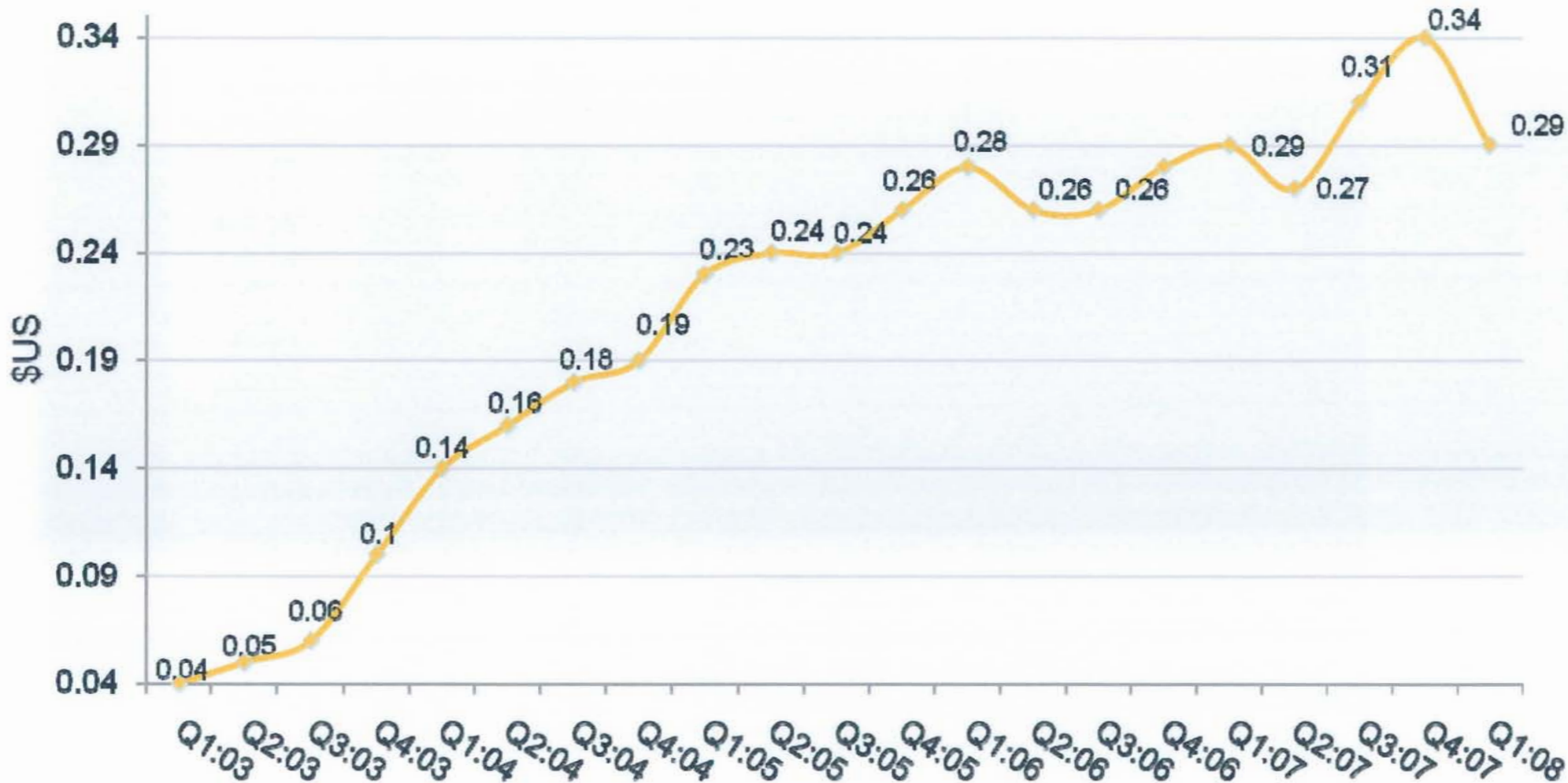
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# Growth in Profitability

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## EPS per Quarter (non-GAAP)



# Healthy Balance Sheet

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US \$mm	12/31/2006	12/31/2007	3/31/2008
Cash and Cash Equivalents	39,734	77	86,044
Marketable Securities	51,147	13,127	8,981
Held for Sale Investment		4,423	2,336
Trade Receivables	16,427	16,918	17,975
Other Account Receivables	5,779	7,061	6,727
Inventories	7,299	8,763	11,351
Severance Pay Fund	3,153	3,853	4,556
Fixed Assets, Net	5,695	6,501	7,240
Other Long Term Assets, Net	19,290	12,195	20,133
<b>TOTAL ASSETS</b>	<b>148,524</b>	<b>150,050</b>	<b>165,343</b>
Trade Payables	5,794	8,236	9,636
Deferred Revenues	5,399	6,635	6,738
Other Current Liabilities	8,618	8,583	10,104
Accrued Severance Pay	3,921	4,802	6,027
Other Long Term Liabilities	2,143	2,564	3,358
Non-controlling interest			6,039
Shareholders' Equity	122,649	119,230	123,441
<b>TOTAL LIABILITIES &amp; SHAREHOLDERS' EQUITY</b>	<b>148,524</b>	<b>150,050</b>	<b>165,343</b>