

IdleAire Technologies Corporation

National Idling Reduction Planning Conference

Albany, NY

May 17, 2004

Tom Badgett
Chief Information Officer



Who is IdleAire?

- Advanced Truck Stop Electrification Provider
- 16 Commercial Locations
- 1,500,000 Hours of Service Provided
- 55,000 Active Members/Users

IdleAire Standard Services

- 110 VAC Shore Power
- Heating and Air Conditioning
- In-Cab Computer With Touch Screen
- Internet Access With Email
- Satellite TV (20 Channels)
- Telephone Connection With Incoming Calls

IdleAire Optional Services

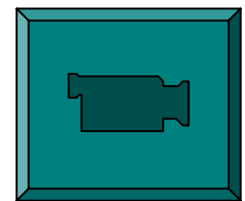
- Additional TV Channels
- Movies On Demand (LodgeNet[®])
- In-Cab Training (Interactive Video)
- Discount Long Distance Calling

The ATE Concept



Atlanta ATE (April 2003)

Overhead Services Delivery



In-Cab Service Module (Front)

Night Light

Lighted On/Off Button for the screen, so you can find it easily in the dark

Card Reader

Slide your member Card and follow instructions

Built-In Touch Screen Computer

Control your "Home-On-The-Road" and surf the Internet

Help

Available 24x7. On-Screen Context-Sensitive Help or dial 611 from your cab phone or 800-738-7024 from any phone

110V Electric Outlets

Inside and Outside your cab for appliances, block/fuel heaters and other accessories

Internet

High-Speed Ethernet Port for Internet on your Computer - Wireless Internet also available

Central Heat & Air

Thermostat controlled filtered air flow, recycled from your cab



Go Buttons

One-Touch Access to Main Functions

USB Ports

Use a keyboard, mouse or other USB devices

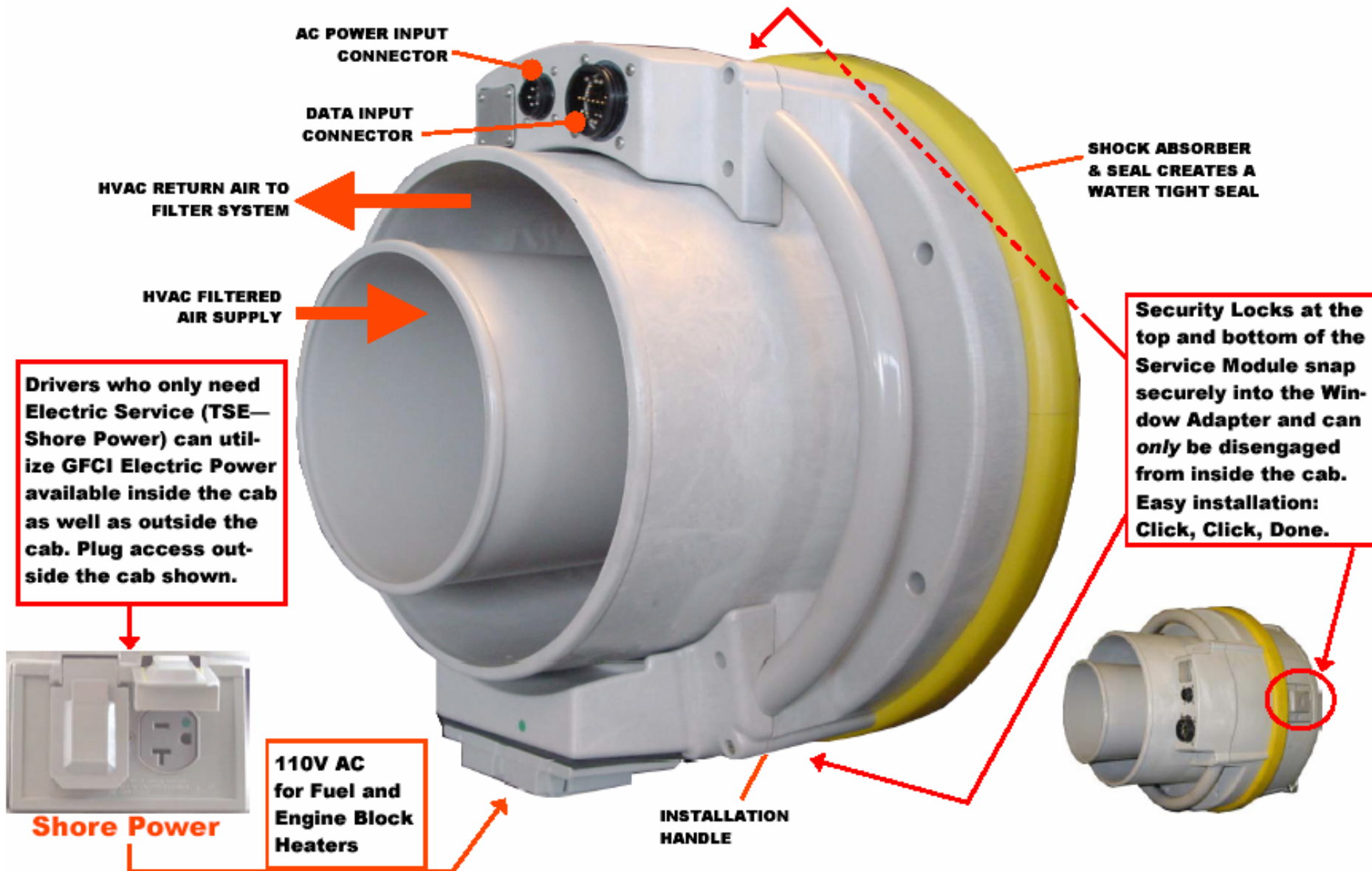
Telephone

Plug in a regular phone for incoming and outgoing calls

Television

Connect your TV with standard COAX cable for Premium Satellite TV

In-Cab Service Module (Rear)



Service Selection Screens

Thursday, March 27, 2003
4:39:03 PM EST

IdleAire

Menu

Current Visit Elapsed Time 0:05 View Current Bill	Thermostat Set Point: 72°F Mode: Auto Set Thermostat	High-Speed Internet Rate: \$3.00/visit State: Off Purchase
Payment Cards Current Payment Method: MEMBER CARD Balance Transfer	Television Free TV Premium TV	Movie On Demand Purchase
Reefer Power Rate: \$1.50/hour State: Off Purchase	NAT'L SECURITY ALERT 03/20/03 - FBI Seeks Assistance in Locating Individual Suspected of Planning Terrorist Activities Free Internet	Education Purchase

Thursday, March 27, 2003
2:36:07 PM EST

IdleAire

Free TV

More Channel Info

04 IdleAire 1	05 IdleAire 2	06 abc	07 NBC
08 CBS	09 FOX	10 THE WEATHER CHANNEL	11 CNN
12 CNN HeadlineNews	13 Animal Planet	14 TBS SUPERSTATION	15 AMC
16 Lifetime	17 Discovery Health	18 WGN SUPERSTATION	19 CMT
20 TBN	21 TRUCK	22 A&E NETWORK	23

Step 1: Connect Your TV to the IdleAire Service Module

Step 2: Tune your TV to Cable Channel 3

Step 3: Change channels by pressing one of the selections on this screen

[Premium TV](#) [Movies On Demand](#)

http://iaportal.022.com/

IdleAire Technologies Corporation

Television Channels Browse the Internet E-mail/Messaging

Welcome!

This is your window into the Internet

Use the touch screen and simply touch any of the buttons or links to access the web sites. You can also plug in a USB keyboard and type in your own Internet locations in the browser.

National Alert
Security Alert
FBI Seeks Terror Suspect
Contact FBI or local police.
Call FBI: 202-324-3000

Touch Pic For Info

[View Other National Alerts](#)

- [E-mail](#)
- [News](#)
- [Sports](#)
- [Search](#)
- [Weather](#)
- [Maps](#)
- [Traffic Tracker](#)
- [Trucking Links](#)
- [IA Locations](#)

Help

Training Selection Screen

Menu Thursday, July 10, 2003 3:30:07 PM EDT 

TREAD-1

 **Select Lesson Group**

Accident Procedures	Coupling/Uncoupling	Fifth Wheel	Preventive Maintenance
Air Brakes	Defensive Driving	Hazard Awareness	Skid Control
Backing and Docking	Doubles	HazMat	Space Management
Basic Vehicle Controls	Emergency Maneuvers	Health & Safety	Speed Management
Cargo Handling I	Environment	Malfunctions	Trip Planning I
Cargo Handling II	Extreme Conditions I	Night Driving	Trip Planning II
CDL Basics	Extreme Conditions II	Pre-Trip I	Visual Search
Communication	Extreme Conditions III	Pre-Trip II	

Movies On Demand

Menu






Tuesday, October 21, 2003
3:43:34 PM EDT

IdleAire

Entertainment

In Theaters Now

Another Category

				
View Details	View Details	View Details	View Details	View Details
Rent - \$9.95 + tax	Rent - \$9.95 + tax	Rent - \$9.95 + tax	Rent - \$9.95 + tax	Rent - \$9.95 + tax

Movie titles will not be shown on your bill.

1/3

More Movies

Variety of Vehicles

Recreational Vehicles



Medium Duty and Straight Trucks



Emergency and Service Vehicles



Non-Commercial or Commercial Vans



Fed Ex Express Delivery



The Idling Situation

Idling Creates Emissions & Noise

Emission*	Single Truck (g/hr)	Single Truck (MTons/yr)**	100 Spaces 14.4Hrs/Day (MTons/yr)	1.3 million trucks (MTons/yr)**
NO _x	135.00	0.46	70.96	590,733
PM	3.68	0.012	1.94	16,103
VOC	6.84	0.023	3.59	29,930
CO	56.14	0.19	29.51	245,657
CO ₂	10,397	34.99	5,464.66	45,495,193
	10,598.66	35.68	5,570.66	46,377,616

ATE Reduces Emissions

Layover Emissions--100 Parking Spaces

Emission*	Single Truck (g/hr)	100 Spaces 14.4 Hrs/Day (M tons/yr)	% Emissions Removed **
NO _x	135.00	71	98.7%
PM	3.68	1.93	99.7%
VOC	6.84	3.6	99.8%
CO	56.14	29.51	99.7%
CO ₂	10,397	5,465	90.3%
	10,598.66	5,570.66	90.5%

@1kw/Usage Hour

© 2003 IdleAire Technologies Corporation * = US EPA Mobile5/6 data
** Includes Electricity Production

ATE Reduces Fuel Use

Spaces	Fuel Saved (Gallons) 1yr	Value (@\$1.50/Gal)
50	262,800	\$394,200
100	525,600	\$788,400
200	1,051,200	\$1,576,800

14.4 hours/day/space, 365 days per year.
1 gallon fuel use per hour.

ATE

Proven Occupancy & Usage

- 55,000 Active Members
- 60⁺% Repeat Users
- 1.5 Million Hours of Use
- 1.5 Million Gallons Diesel Saved
- ~14,382 Metric Tons Emissions Eliminated
 - NO_x -- 199.87 Mtons
 - PM -- 5.50 Mtons
 - VOC -- 10.24 Mtons
 - CO -- 83.96 Mtons
 - CO₂ -- 14,082 Mtons

Drivers Seek IdleAire

Driver Sign Up Board

DATE	COMPANY	Truck #	Time Requested
7/8	ARCTIC	2074	8:33 P
"	Hinabach	13068	8:37 P
"	TYSON	59001	8:41 P
"	Admide	94993	8:47 P
"	BRANIFF	5365	8:51 P
"	EMPIRE	10204	8:53 P
"	MAYFLOWER	590-21	8:58 P
"	R+R Trucking	6011	9:02 P
"	Equipment Express	351	9:06 P
"	PTL	8535	9:15 P

IDLEAIRE WAIT LIST

ATE Fleet Services Costs

- Standard services -- \$1.25/hour
 - One hour minimum
 - \$0.02/minute thereafter
- Gold & Silver Membership -- \$3.00/visit
- Ethernet Internet Access -- \$3.00/Visit
- Wireless Internet (WiFi) -- Hour, Day, Month
- Unlimited National Long Distance -- \$3.00/Day
- In-cab training -- \$15.95/lesson
- Fleet communications -- individual rates

ATE Fleet Benefits

Good ROI

- Quick Return on Investment
 - Window adapter \$10.00
 - First visit free -\$10.00
 - Fuel Savings (@\$1.50/gal) -\$12.00
 - First Day Total Expenses -\$12.00
- Driver retention/acquisition incentives
- Better communication with drivers
- In-cab training services

Fleets Comment . . .

Only IdleAire can live up to our expectations when it comes to our drivers' comfort, safety and peace of mind. The IdleAire system stands second best only to the comfort and amenities of home. Bill Arthur, Fleet Manager, L.E. Walker Transport, St. Thomas, Ontario

Your product was well received by all our drivers and we saw an immediate impact on our idle time. Believe it or not, we are down by 20% on our van fleet.

Kevin Smith, Director of Fleet Operations, Dupre' Transport, LLC

No up-front investment, no maintenance, plus a lot of other services not offered with the other alternatives. Driver amenities are very important today. Tim Pike, Controller, Mercer Trucking, Spokane

ATE Truck Stop Benefits

- Initial Investment = \$0.00
- Revenue Share = ~\$60,000/Year
(Standard Services Only)
- Additional Revenue Share -- All Services

Travel Centers Comment . . .

Customer response has been very positive.
The IdleAire business model solved
longstanding barriers to traditional truckstop
electrification.

Jim Cardwell, COO, Petro Stopping Centers

This new, innovative, high-tech system provides the answer
the industry has been seeking. It's a well-designed system that
appears to provide the quality and reliability we're looking for.
Pilot Corporation will put its full weight behind this project.

Jimmy Haslam, CEO, Pilot Travel Centers

ATE for Today & Tomorrow

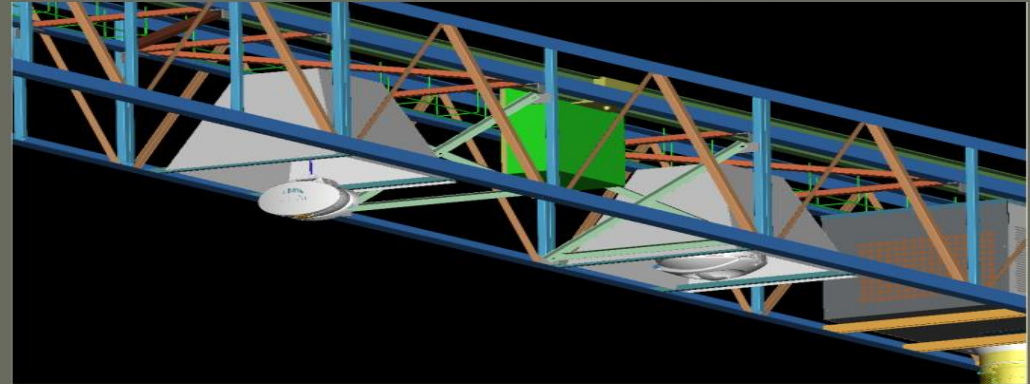
Planning for the Future

- ATE provides truck stop electrification (TSE) today
 - Includes HVAC
 - Includes computer, TV, movies & other services
 - Optional Refrigeration power



- Tomorrow's electric truck can use ATE
 - We'll remove HVAC
 - "Future truck" plugs into shore power
 - Includes Communication & Entertainment

Future TSE Design Cont.



Using our current truss the modules can be stored safely and securely overhead with an automatic reel installed to deploy them for service



Reefer/Charging Connection



The logo for Idle Aire Technologies Corporation features a teal-colored stylized graphic of a truck's front end, including the hood and grille, positioned above the company name. The word "Idle" is rendered in a white, lowercase, sans-serif font, while "Aire" is in a teal, uppercase, sans-serif font. Below this, the words "Technologies" and "Corporation" are stacked in a white, lowercase, sans-serif font.

IdleAire
Technologies
Corporation

Truck Stop Electrification for the 21st Century

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