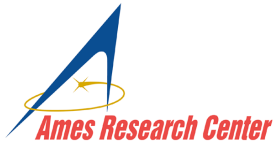


Computerized Maintenance Management System (CMMS)

FACILITIES MAINTENANCE SERVICES

**NASA Ames Research Center
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INTRODUCTION TO CMMS

- What is the NASA Ames CMMS
- How is the Ames CMMS used today
- What is tracked with the CMMS
- Who uses the CMMS
- What is next for the CMMS

WHAT IS THE NASA AMES CMMS

- A commercial “off-the-shelf” product (COTS)
 - Maximo by IBM, Inc. (formerly PSDI, Inc.)
- Used to manage the performance of maintenance work
- Used to manage maintenance work data
 - TC, PM, PdM, and condition of equipment
 - Labor
- Used to manage plant equipment data
 - Equipment inventory
 - Parts inventory

HOW IS THE AMES CMMS USED TODAY

- Generation of Work Order Tasks
 - Preventive Maintenance work orders
 - Predictive Maintenance work orders (PT&I)
 - Trouble Call work orders
 - Condition Assessments
- Data Collection
- Report Creation and Generation

WHAT IS NEXT FOR THE CMMS

- Possible Expansion/Changes
 - Addition of equipment from other agencies/companies
 - Consolidation of information

- Improvements to Existing System
 - Expansion of paperless input/output work flow
 - Wireless data communications
 - Upgrades to hardware and software
 - Expansion of bar coding equipment and procedures
 - Process work flow improvements