



A Product of Cascade Engineering Services

01

AIRLINE
VIRTUAL
MAINTENANCE
ENGINEERING
TOOL

is used by Airlines worldwide to maintain and track their Aircraft Fleets. AvMET is a cloud- based system focused on core maintenance and engineering functions required by all airlines. This is a flexible and intuitive tool that fits seamlessly into your processes and provides users unparalleled easy access to various critical functions, data and documents. We believe that great M&E is powered by a great tool and that is why the AvMET solution is purpose-built with the latest technology for your business and airline.



02

AvMET modules and capabilities include

- Defect and Deferral Tracking
- Configuration and Parts Management
- Maintenance Planning and Forecasting
- Tech Pubs & Records
- Regulatory Compliance Tracking (AD / SB)
- Flight Logs and Customized Flight Logs
- User and Departmental Access Privileges
- 3rd Party API and/or Web Services
- Disaster Recovery Capable on Commercial Cloud Services

- ✦ Users can configure multiple aircraft fleets and models in AvMET to control parts & task applicability and ensure that only applicable items are issued and tracked. AvMET tracks fleet utilization through individual flight logs. Scanned copies of documents are available in the system to provide proof of compliance for all logged & maintenance events including part changes & maintenance sign offs.

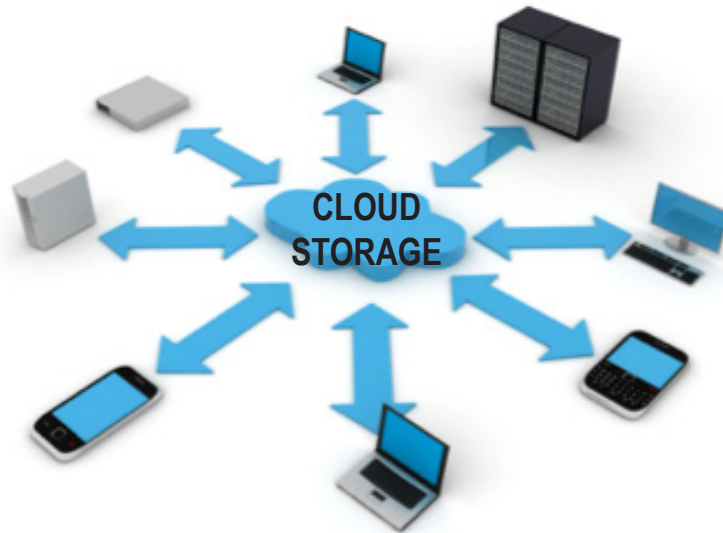
PROVIDING
AN EXEMPLARY SERVICE FOR
OUR CUSTOMERS

PROVIDING
DELIVERING
MANAGING
STRIVING
ACHIEVING

LEADING
OUR INDUSTRY
THROUGH
A FOCUSED
STRATEGY

AvMET CAN BE CUSTOMIZED

and is an innovative cloud-based system created by airline engineers and aerospace IT professionals. Cloud services provide substantial savings, more effective use of airline physical resources, universal access, enhanced scalability and business agility. Can be customized to fit your maintenance operation.



AvMET MAINTENANCE MODULE

supports comprehensive Task Card, Maintenance Order, Maintenance Planning and Check Packaging functionality. Our innovative Flexible Maintenance Planning (FMP) technology allows Airlines to simplify maintenance packaging by automatically identifying tasks that need to be accomplished based on the framework of your Maintenance Schedule. By using FMP, your planning specialists optimize maintenance task yield and save expenses due to the cost of extra labor, unscheduled and deferred maintenance tasks.



CLOUD BASED
SECURITY



ALL FLEETS
& MODELS



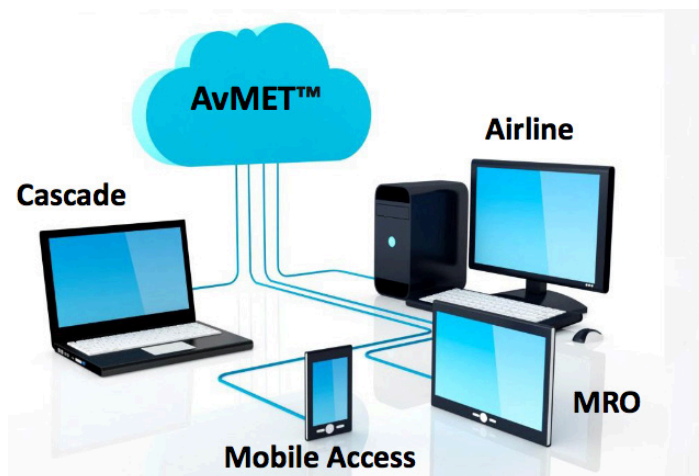
CUSTOMIZABLE
REPORTS

PRODUCT FEATURES

AvMET Software highlights include

- Easy bridging of maintenance plans at aircraft acquisition and/or migration support when moving to AvMET
- Track, forecast, package and plan maintenance tasks
- Support for different maintenance plans (MTOP and Block)
- Flexible Maintenance Planning (FMP)
- Allows Airlines to manage multiple fleets from different OEMs
- Configuration control of parts, engines, technical publications and maintenance requirements
- Part forecast, usage tracking, on/off history & life tracking
- Scanned copies of compliance documents (sign off, part tags, inspection reports, ATL...) embedded in the reports
- Tracking of Deferred Maintenance Items (DMI)
- Airworthiness Directives (AD) and Service Bulletins (SB) management, setup, forecast, tracking and reporting
- Online manuals management, scheduling, storage & distribution
- Part assembly (NHA) management
- Material Logistics
- Bar code and RFID capability
- Weight and Balance records
- Electronic Signature
- Technician Certification and Qualification Management
- Repair, Exchange, Loan & Borrow Management
- Inventory Management
- Safety Management System (SMS) Management System (SMS)

➔ **Collaborate with your vendors and other software applications**
in your company through our customized APIs



MANAGE
PLAN
TRACK
EXECUTE

CHECK PACKAGE | CHECK SIGN OFF | SIGN OFF COPY





What is AvMET's
Advantage over the competition?

- Minimal Capital Cost for Cloud-based system
- No Server or IT Cost
- Very Competitive Monthly Recurring Cost
- Minimal System Upgrade Cost
- Minimal Software Maintenance Cost
- Built on the Latest Technology and Highly Customizable to Your Specific Needs

GROW YOUR FLEET & BUSINESS WITH



Cascade Engineering Services, Inc.

6640 185th Ave. NE Redmond, WA 98052 – U.S.A.
(425) 895-8617 | cascade-eng.com/AvMET



Cascade Engineering Services, Inc.

6640 185th Ave. NE Redmond, WA 98052 – U.S.A.
(425) 895-8617 | cascade-eng.com/AvMET