

Integration & Innovation

Managing A&D Programs with SAP

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Public



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Integration

Integration



Pre-Award

Post - Award

Sell

Select

Propose

Plan

Execute

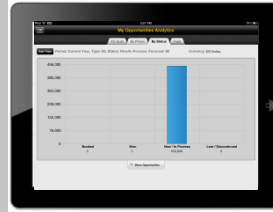
Control



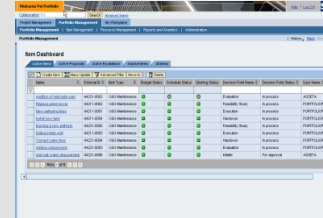
Initiate

Aggregate

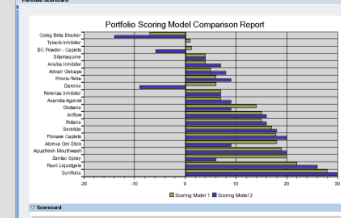
Customer 360



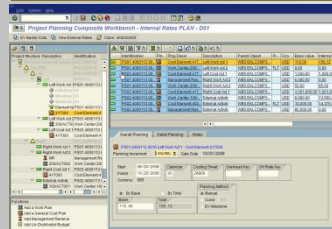
Portfolio management



Portfolio analytics



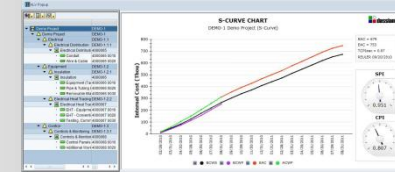
Gov't Contracts



Project Management



Earned Value



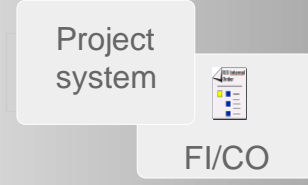
Manufacturing



Resources



Financial data



Why EV within your ERP?



The Obvious:

- No interfaces for Actual Costs
- No interface for charge numbers assignment to work package.
- Overhead calculations (build-ups) use exactly the same functionality for actual, plan, and forecast.
- Real-time data and drill-down to the details. It just works.
- Best for audits

Not so obvious:

- Integrate status with transactional system
- Integrated with Billing
Fee info, Customer info, etc..
- Integration with Charging *Can limit charging to certain individuals/skills based on the plan*
- Synergy with Infrastructure
Common servers, support, knowledge base, etc.

Doing EVMS in your ERP system makes sense when it has all the functionality

Functionality

Reporting & Analytics



- ✓ Control Accounts / Work Packages
 - ✓ CA & WP Authorization Documents
 - ✓ WBS Dictionary
 - ✓ Alternate Hierarchies (WBS, OBS...)
 - ✓ Baseline Change Control & Approvals
 - ✓ Automated Forecasting / ETC
 - ✓ Manual Forecasting / ETC
 - ✓ Comprehensive Set of EV Methods
 - ✓ Planning by..
 - ✓ Daily, Weekly, Monthly
 - ✓ Hours, EQPs, Cost, Burdened Costs
 - ✓ Internal / External Rates
 - ✓ Multi Currency (in same project)
 - ✓ Excel integration
 - ✓ Schedule Integration
- ✓ Reports
 - ✓ CPR Reports
 - ✓ RAM Reports
 - ✓ CAP Reports
 - ✓ Format 5 Variance Mgt.
 - ✓ Others... (Trends, Variances, ETC...)
 - ✓ Integration
 - ✓ xml to Winsight
 - ✓ IPMR DID xml format (in February)
 - ✓ Embedded Analytics
 - ✓ S-curves
 - ✓ Bullseye
 - ✓ Trend
 - ✓ Variance
 - ✓ Indices
 - ✓ Combo



Innovation

Innovation Strategy



SAP HANA
in-memory platform



Mobile

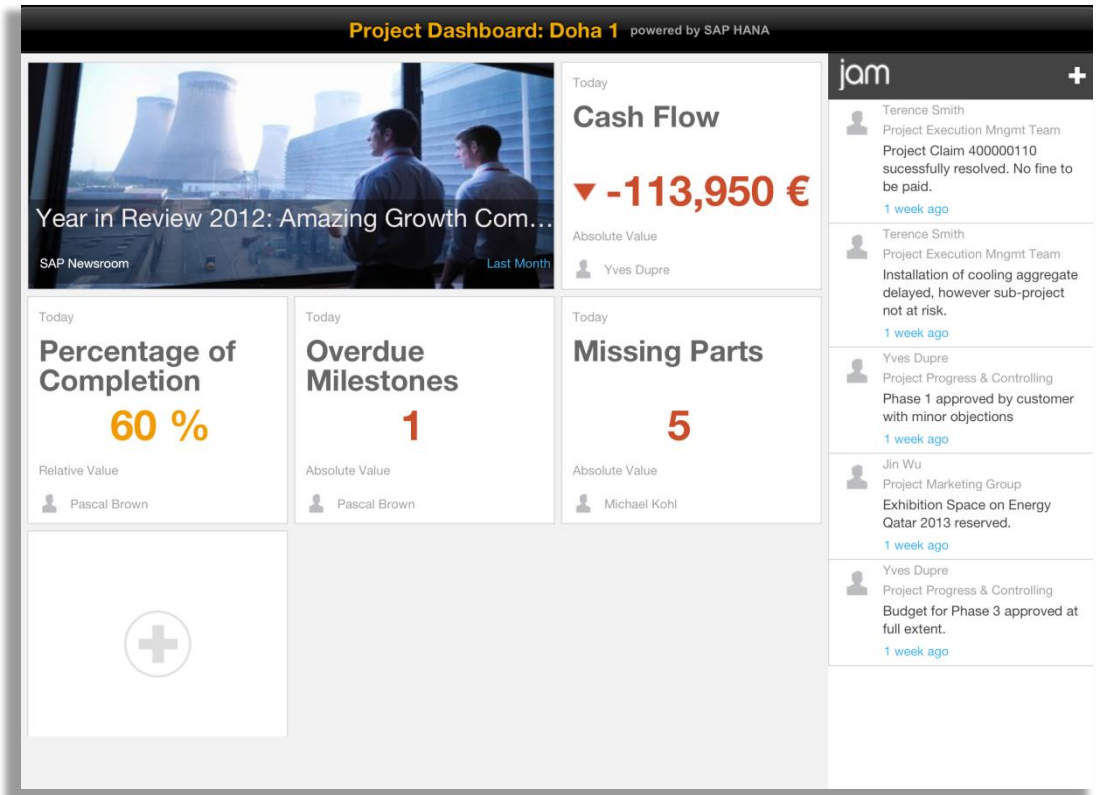


Analytics



Cloud

Applications SAP Business Suite on HANA



Leverage the power of SAP Technology

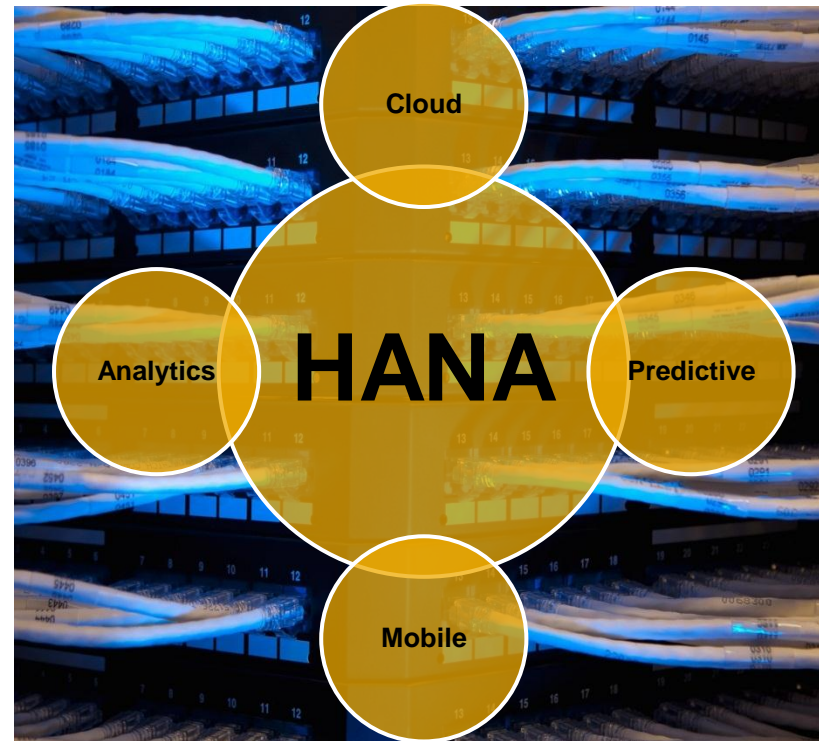
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- Unstructured Data
- Geospatial, Biometric

Machine 2 Machine

- Vehicle Sensor Data
- Intel Sensor Data
- Mobile Device Data



...programs that add COTS technology to help digitize the battlefield get preferential funding treatment – especially if they show immediate value to either save warfighters’ lives or radically improve current mission objectives. “C4ISR and the big picture” – Military Embedded Systems 12/15/2009

Resources

SAP.com

[SAP.com/Aerospace & Defense](http://SAP.com/Aerospace%20%26%20Defense)

Dassian.com

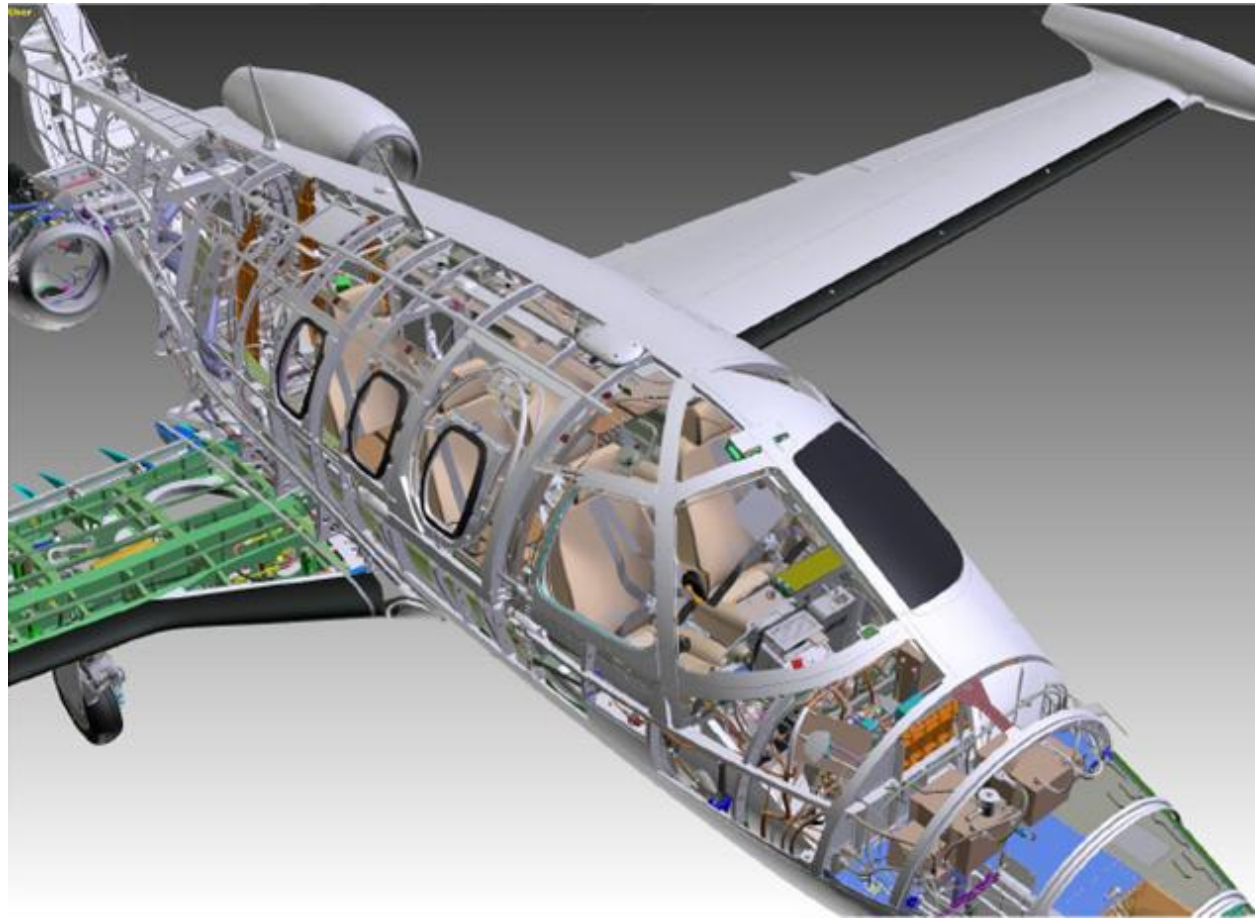
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Thank you

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