

environment, evaluation of

accepted as routine

performance measurement

techniques throughout the

industry, for all projects

or time line duration.

performance is through classi



prepare

Corrective

- ETC & EAC

Variance

Actions

The above methods are widely

PROJECT ORGANISATION FUNCTIONS

regardless of the size, budget

Project chains functions that may interact at various levels leading to management and financial decisions.

(Project Schedules) and At Javelin, we have developed the EVMS system to integrate the above functions. The flowchart above shows the two functions Project Estimate & - Project Office function Control (engineering function) and Project Office function (cost & accounts).

REQUIRED DATA

Profit - Loss Statement

- Project Control input

(Project Accounts)

Javelin provides Service and

Earned Value Management

above functions into a simple

model, which generates EV

System to numerically integrate

Reports to support the manage-

The system requires two inputs:

ment decision-making process.

Project Organisation Breakdown Structure OBS & Responsibility

Assignment Matrix RAM are crucial parts of EVMS

Reporting System of Project E\

"WORKING WITH JAVELIN **WE WERE ABLE TO SEE PROGRAM ISSUES THAT** PREVIOUSLY FLEW UNDER

Mick Aylward, Deputy Program Manager

Simplified information flow chart required for EVMS functionality.

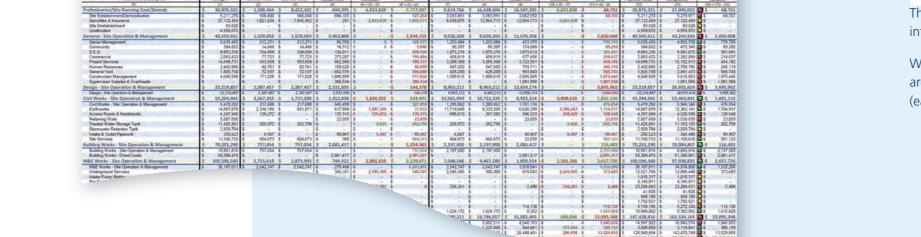
Quality check of data inputs

and any modifications are

acquired from the Schedule

and Cost Account owners.

done with information



EV REPORT CARD

Reporting of results is typically through

system update accompanied by relevant

Typical reporting provides information in

EV Report Card at design intervals of

project EV S-Curves and charts.

www.javelinassociates.com

three sections.

- Current period

- At completion

- Cumulative to date

BUSINESS CONFIDENCE THROUGH PLANNING

Fragnet Management Pty Ltd Project Controls Manager

EV CHART

The EV Charts and indexes calculations are vis interpretation of EV Report card.

are always running somewhere between Planned Value (early budget curve) and Late Value (late budget curve). • EAC – Estimate at Completion

- · PV Planned Value (budget) Curve • EV – Earned Value Curve
- We recognise that in most projects the EV & AC curves AC Actual Cost Curve

Management System (PPMS) is

The resulting Project Performance

EXCELLENT UNDERSTANDING OF EARNED VALUE PRINCIPLES AND THEIR APPLICATION TO BENEFIT PROJECT CONTROL AND MANAGEMENT.

"JAVELIN ASSOCIATES HAS AN

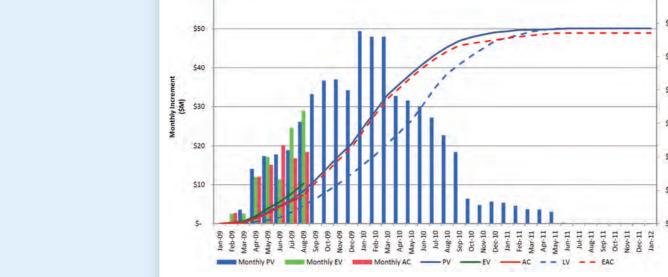
Robb Gourgaud

CONCLUSION

At Javelin, we reduced the amount of wor by the introduction of procedures and wel understood inputs from two project management functions, Project Controls and Accounts.

EVMS reports together with revenue and forecast to completion, give a comprehensive picture of project performance at any time during the implementation phase.

straightforward and user friendly, the decision making process is now more streamlined.



Sample of EV Chart showing Early, Late & Forecast curves.

* This brochure assumes that the reader has basic understanding of Earned Value concept as outlined in Australian Standard AS4817-2006.

PLANNING FOR

BUSINESS CONFIDENCE

EVMS - EARNED VALUE MANAGEMENT SYSTEM

PROJECT PLANNING AND CONTROL SERVICES