

Presto

Cost management software for construction

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Presto is used for monitoring projects of any size, such as the T4 Airport Terminal.

These works have been conducted by international teams, meeting all requirements of time, cost and quality.



Twice the size of Heathrow's Terminal 5, the terminal complex at Madrid Barajas Airport is an ambitious and architecturally striking development. Faithful+Gould provided a number of different services including design management, bi-lingual cost estimating and planning, specification writing, priced and quantified bills of quantities produced in the Spanish cost system 'Presto'.

T4 Barajas Airport, Madrid, Spain
(image: Faithful Gould)

Support of different roles

- The project team
- The planners
- The (sub) contractor(s)
- The project management team
- The client

Presto supports the viewpoints of the different agents involved in construction

Simple architecture, powerful connections

Presto is used independently by the different agents

- Each agent uses the Presto relevant components he needs
- Each agent sends to others only the required information
- The information is structured to integrate seamlessly among all actors

Presto is not perceived as a control system, but as a support tool

Balance: cost, time and quantity

Many information systems for construction are based on time or money.

Planning systems are based on time and activities

- Activities are too many to control costs
- Schedule requires constant updating

Accounting systems are based on money

- They cannot accurately measure progress or make predictions.

Presto is based on monitoring quantities.

The project team

The project needs a uniform estimating system

The estimate is based on a Work Breakdown
Structure (WBS)

- WBS may be or not the same as the WBS used in planning
- Information structure is predefined, but content is flexible
- A coding system may be imposed to make the exchange easier

Presto is focused on reusing information

The planning system

Planning is the basis for economic control by the
PM project manager

Cost planning is based...

ON	NOT ON
Cost or income centers	Activities
Months	Days
Quantities	Money / Time

Bidirectional link to Primavera and Project avoids retyping
information and mistakes

Work in progress (1)

Presto provides required formats

- Bill of Quantities
- Payment Certificates
- And may export any Excel, PDF, file format or report

**Customization may be performed by Presto,
the PM or the user itself**

Work in progress (2)

Information sent by the agents integrates into the PM information system

- Initial estimate
- Approved & pending changes

The PM can show results to the client as soon as data is received

This cannot be achieved with *underground* computing, such as Excel.

Earned Value Management EVM

A formal methodology for monitoring deviations

Earned Value represents the actual work valued at estimated cost

EV / Actual Cost = Cost Performance

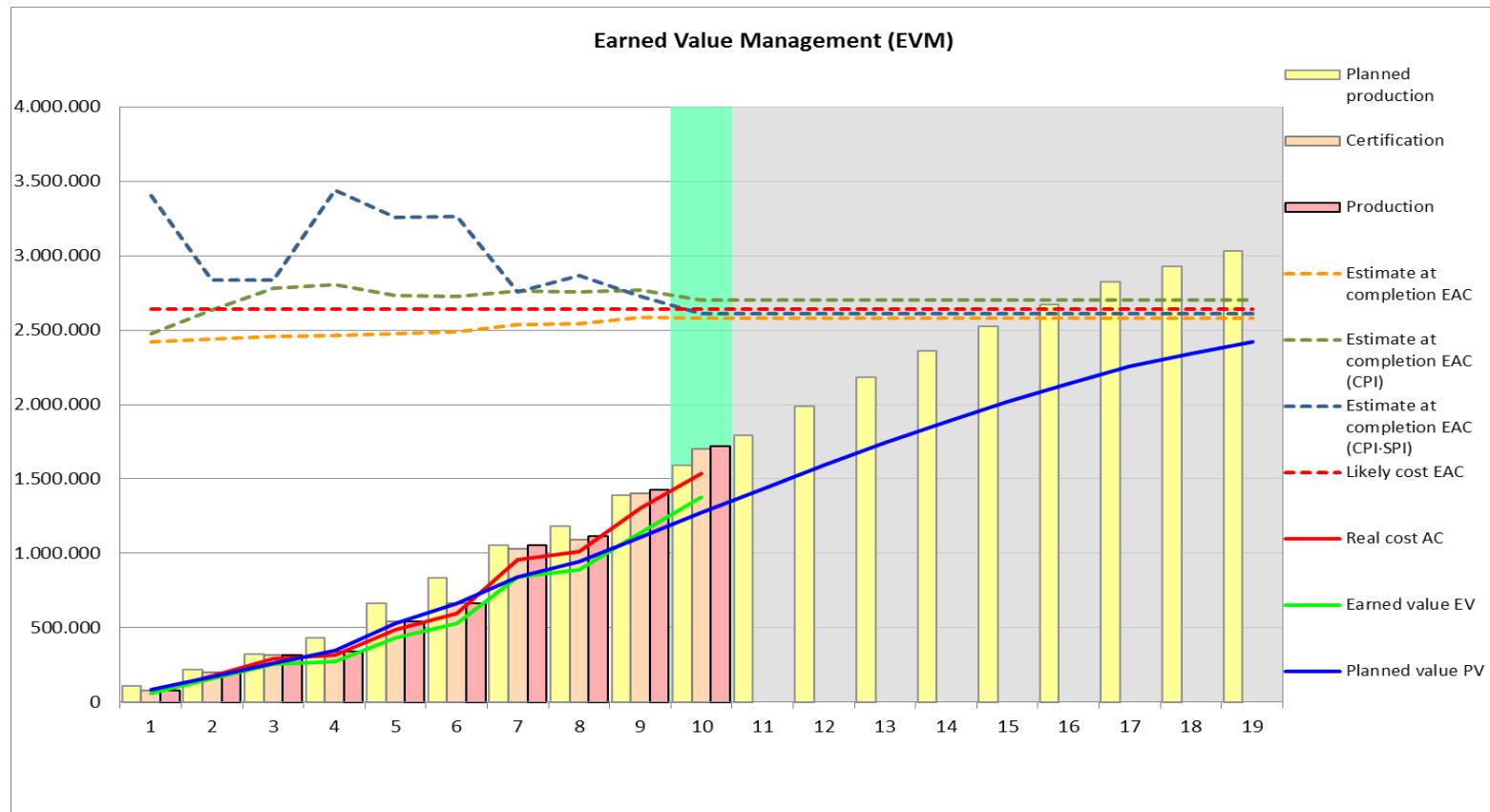
EV / Planned Value = Schedule Performance

Standard

- Predefined, common terminology for all the agents
- Based on the same information that comes from BoQ
- Independent of bar chart planning

The result: accurate estimation of current progress, cost and time at completion

Earned Value Management EVM



From the PM or the contractor point of view

Added value for Client

- Common language and standard methodology
- No custom programming or implementation required
- Quick start-up
- Client oriented information

Presto definite advantage for the client is obtaining accurate and verified information, in time to make decisions.

More about Presto at www.rib-software.es