



AVAILABILITY & LOSS DETECTION, ALLOCATION, ANALYSIS, & REPORTING

P2 A-Plus is a web based solution for operations and management personnel to capture, validate, approve and analyze production loss and downtime/utilisation data.

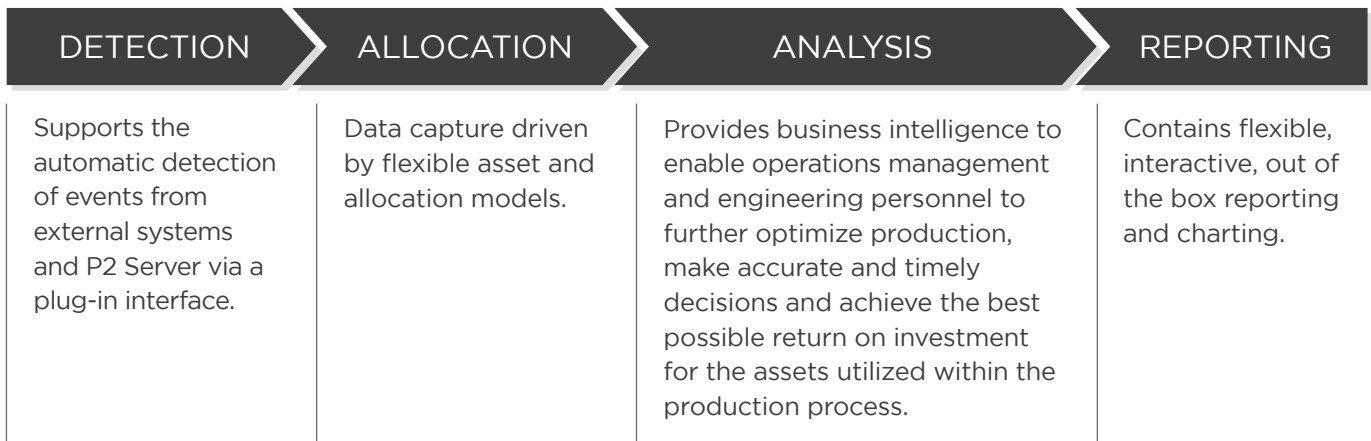
IMPROVED EFFICIENCIES

- Automatic event detection reduces the need to manually create events
- Production process improvement
- Tracking of multiple products

GREATER VALUE

- Effectively manage production loss & availability
- Maximize asset potential
- Empowers asset managers to make informed decisions

P2 A-Plus provides tools to effectively manage production loss and availability. It facilitates the detection, allocation, analysis and reporting on loss and availability events that occur in the production environment.



Benefits

ENABLES effective asset management by accurately capturing, classifying and reporting asset performance

IMPROVES production process, through the identification of primary causes of loss and downtime

DELIVERS a comprehensive reporting tool, enabling analysis using varying levels of granularity

ENSURES consistent system capacity values and reporting of events

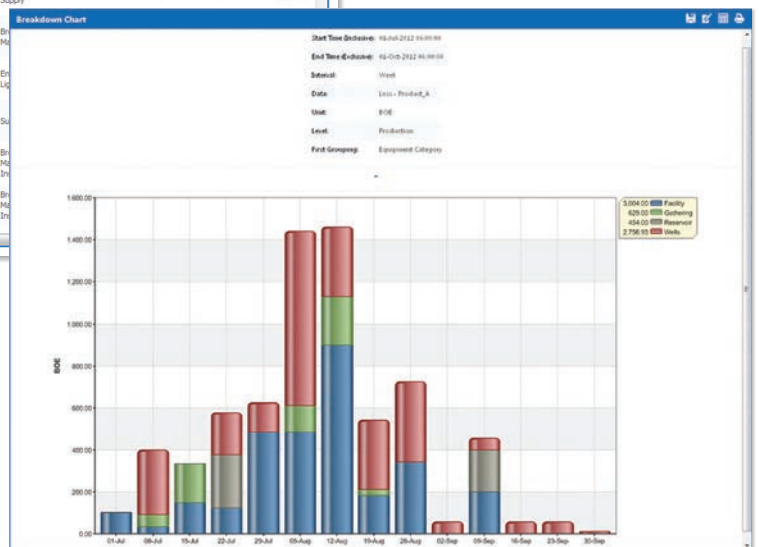


Features

- Supports both automatic event detection and manual wizard-based event entry
- Supports a fully configurable downtime and loss model for tracking the cause, reason, department, and time usage of events
- Splits events to allocate downtime/loss to multiple departments, equipment, shifts, etc
- Supports role-based user security configuration with a full audit trail on events, and an optional event approval workflow
- Support for multiple products when accounting for loss, i.e. oil, gas, condensate
- Interfaces to P2 Server to load production information from any data source, and utilizes P2 Server hierarchies, templates, and P2 Explorer Trending
- A highly extensible design supports the integration of custom fields and business logic into the P2 A-Plus workflow.
- Powerful reporting engine supporting a broad range of highly configurable charts.
- Drill-down analysis of loss and downtime

Id	Start	End	Duration	Downtime	Shift	Area	MPG	Type	Equipment	Department	Problem	Cause	Action	Time Usage	Status	Trend	Edit
101110	05-Oct-2012 06:00:00	06:00:00	0d 0h 21m	0d 0h 0m	Day	Schola Area	Schola Production	Loss	Schola-A-1	Process Control	Supply / Thin Oil			Unplanned	Unbound		Edit
100064	31-Aug-2012 01:00:00	01:00:00	25d 9h 47m	0d 0h 0m	Night	Schola Area	Schola Production	Loss	Schola-A-3	Maintenance - Mechanical	Pipe leak	Environmental / Leak	Replaced entire pipe as it was in a poor state.	Unplanned	Unbound		Edit
100087	23-Aug-2012 13:48:00	13:48:00	27d 23h 12m	0d 0h 0m	Day	Schola Area	Schola Production	Loss	Schola-C-1	Maintenance - Electrical	Breakdown	Maintenance / Instrument Error		Unplanned	Unbound		Edit
100613	19-Aug-2012 03:27:00	03:27:00	32d 9h 33m	32d 9h 33m	Night	Schola Area	Schola Production	Availability	Schola-3-3	Maintenance - Electrical	Breakdown	Maintenance / Leak		Unplanned	Unbound		Edit
100743	16-Aug-2012 07:43:00	07:43:00	35d 5h 17m	0d 0h 0m	Day	Schola Area	Schola Production	Loss	AGC-B	Production	Supply / Reduced Supply			Unplanned	Unbound		Edit
100420	12-Aug-2012 08:53:00	08:53:00	39d 4h 7m	39d 4h 7m	Day	Schola Area	Schola Production	Availability	Schola-D-11	Maintenance - Mechanical	Breakdown	Maintenance / Instrument Error		Unplanned	Unbound		Edit
100306	06-Aug-2012 14:38:00	14:38:00	44d 23h 22m	44d 23h 22m	Day	Schola Area	Schola Production	Availability	Test Flowlines B	Maintenance - Mechanical	Breakdown	Maintenance / Instrument Error		Unplanned	Unbound		Edit
100720	01-Aug-2012 21:25:00	21:25:00	49d 15h 35m	49d 15h 35m	Night	Schola Area	Schola Production	Availability	Gas Turbine - D	Production	Supply / Reduced Supply			Unplanned	Unbound		Edit
100377	06-Jul-2012 15:10:00	15:10:00	75d 23h 50m	75d 23h 50m	Day	Schola Area	Schola Production	Availability	Schola-E-3	Process Control	Supply / Thin Oil			Unplanned	Unbound		Edit
100493	02-Jul-2012 20:00:00	20:00:00	79d 17h 0m	0d 0h 0m	Night	Schola Area	Schola Production	Loss	Export Pump - A	Maintenance - Electrical	Supply / Thin Oil			Unplanned	Unbound		Edit

“P2 A-Plus facilitates the detection, allocation, analysis and reporting on loss and availability events that occur in the production environment.”



P2 A-Plus Interface

- 1 Location Selector Toolbar
- 2 Menu Toolbar
- 3 Period Selector Toolbar
- 4 User
- 5 Content Frame

An Industry Tradition

P2 A-Plus was created by the same team that developed P2 Explorer, an industry-leading production solution delivering visualizations and diagnostics and trusted by resource companies around the world for over 20 years.