



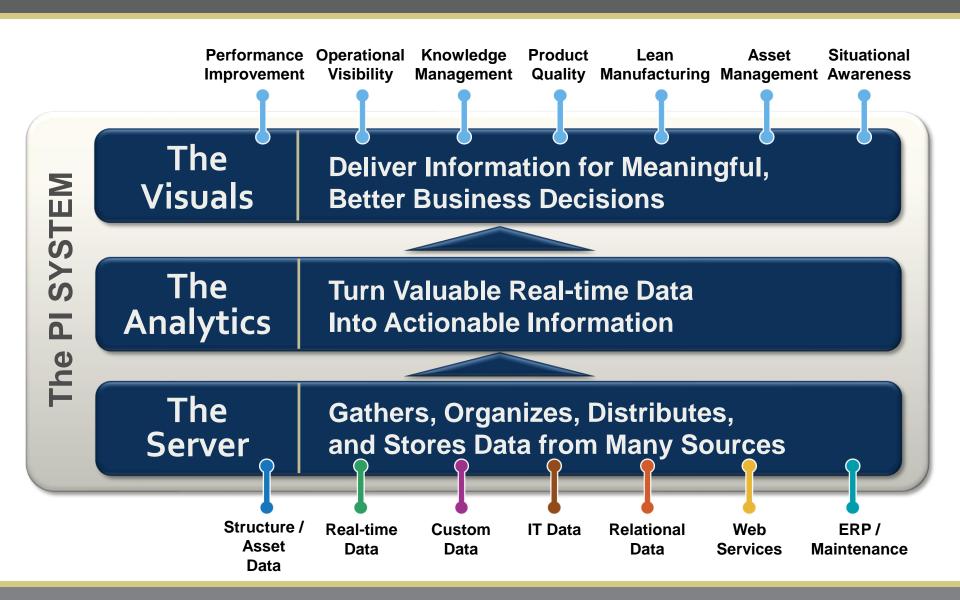
Analytics and Notifications

Michael Hesselbach Beth McNeill

Agenda

- Overview
- Analysis
- Internationalization
- Templates

Overview



The Analytics

The The The Visuals Server **Analytics** Advanced Computing Engine (ACE) RtReports **Enterprise Services** PI Notifications Compliance & Standard PI Analytics (Performance Equations, Totalizer, Alarm, RTSQC)

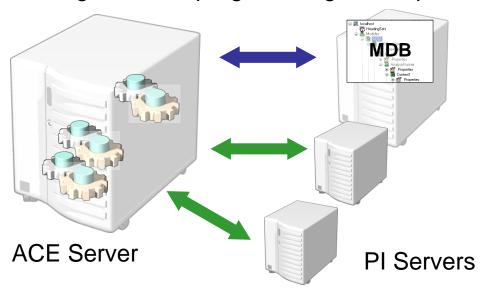
The Analytics

The The The **Visuals** Server **Analytics** Advanced Computing Engine (ACE) **Enterprise Services RtReports PI Notifications** Compliance & Standard **Facility Monitor** PI Analytics (Performance Equations, Totalizer, Alarm, RTSQC)

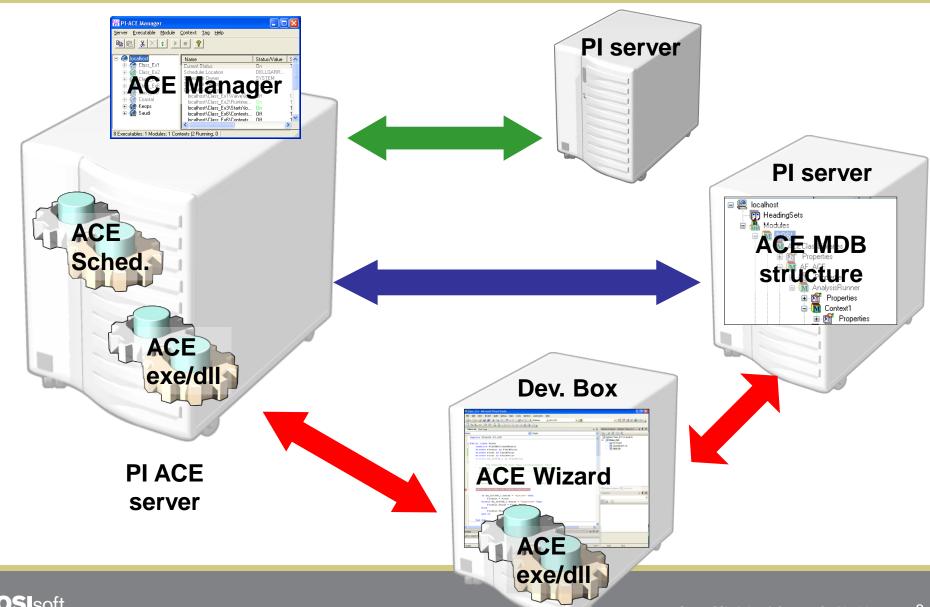
Advanced Computing Engine (ACE)

Allows Users to add Business Logic, Reusable on Similar Sets of Data, with Minimal Effort.

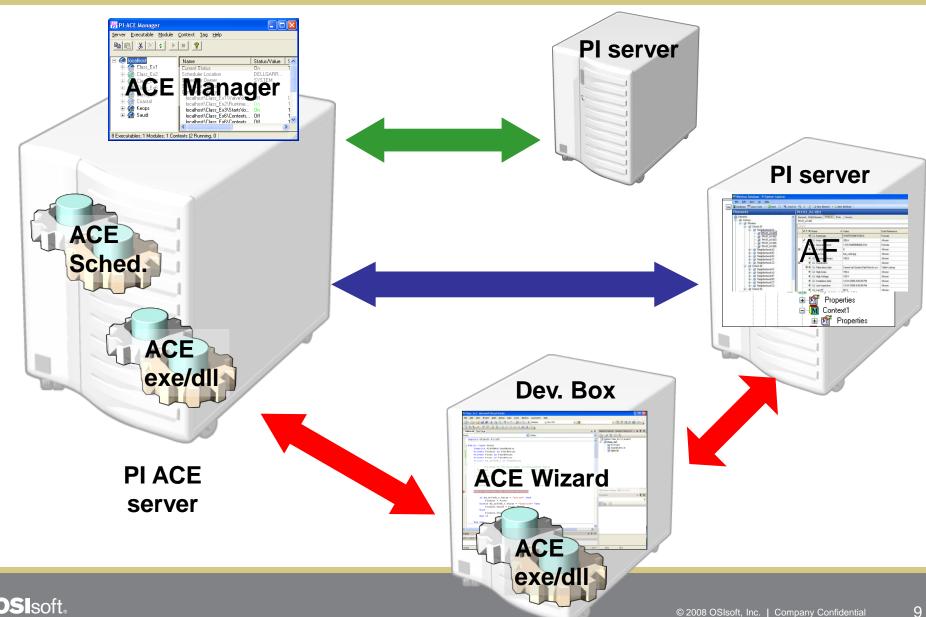
- Builds computational modules
- Provides platform on which to implement highly complex logic and calculations
- Allows for utilization of third party libraries
- Can reference data in other repositories using standard programming techniques
- Seamless scheduler



ACE Configuration



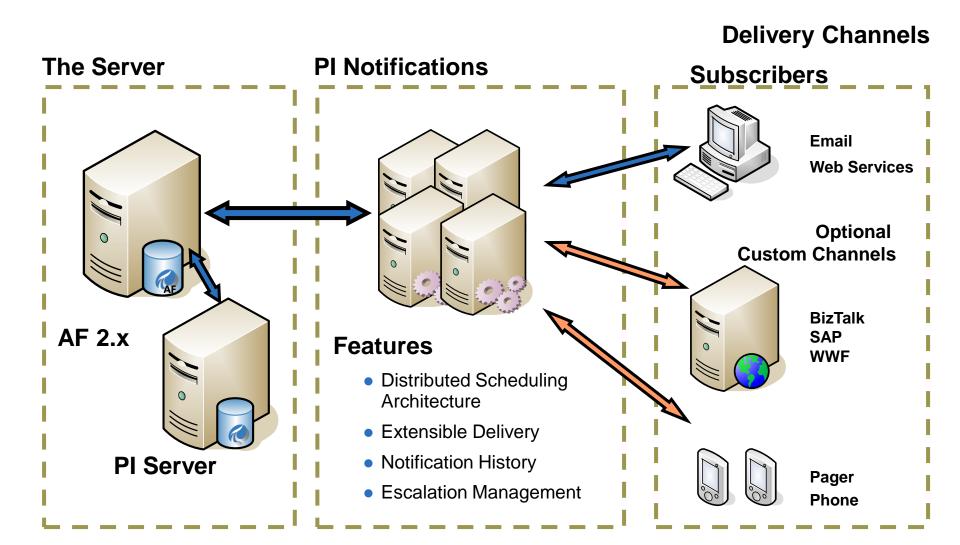
ACE Enhancements PR2



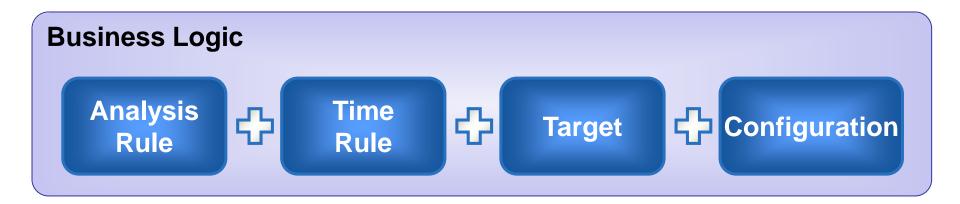
Pl Notifications – What is Notifications?

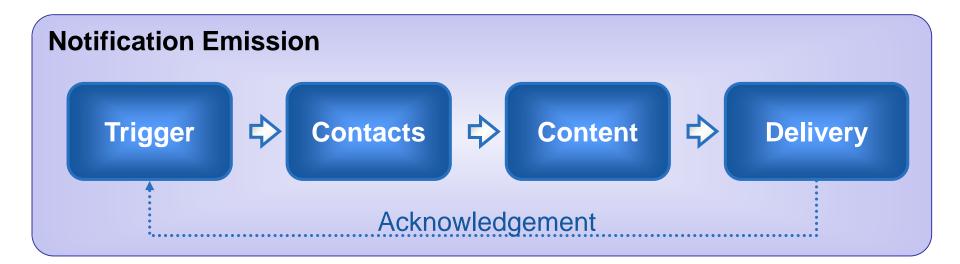
- A scalable, highly available, notification and alarming infrastructure
- Why infrastructure?
 - Extensible
 - Users can customize notification rules and scheduling
 - Integral part of the PI System
 - Real-time event delivery
 - PI System Client integration
 - Consistent with Enterprise Message of PI

Notification Overview



PI Notifications – Overview

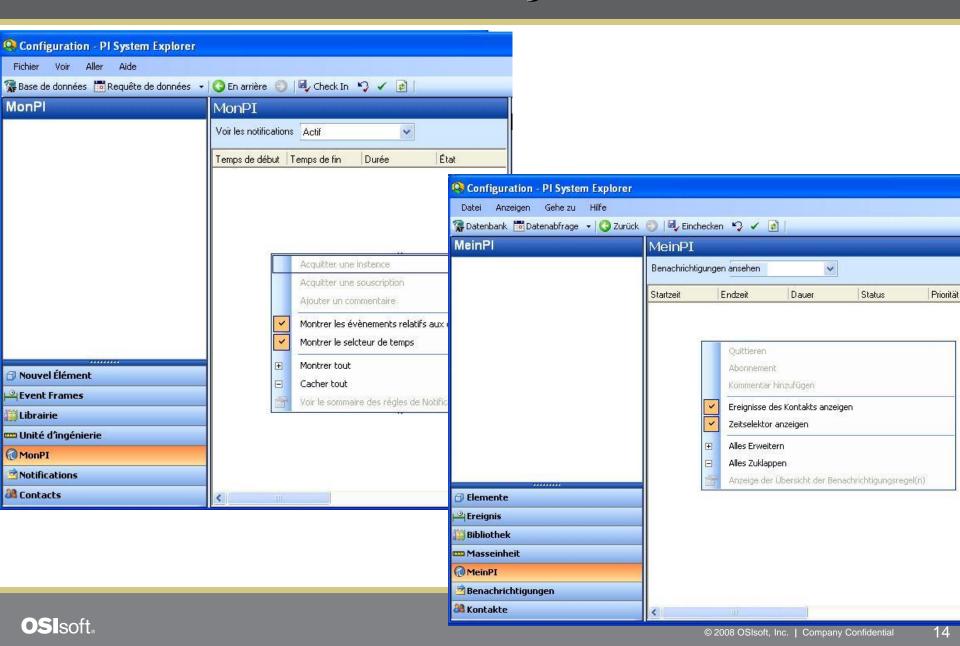




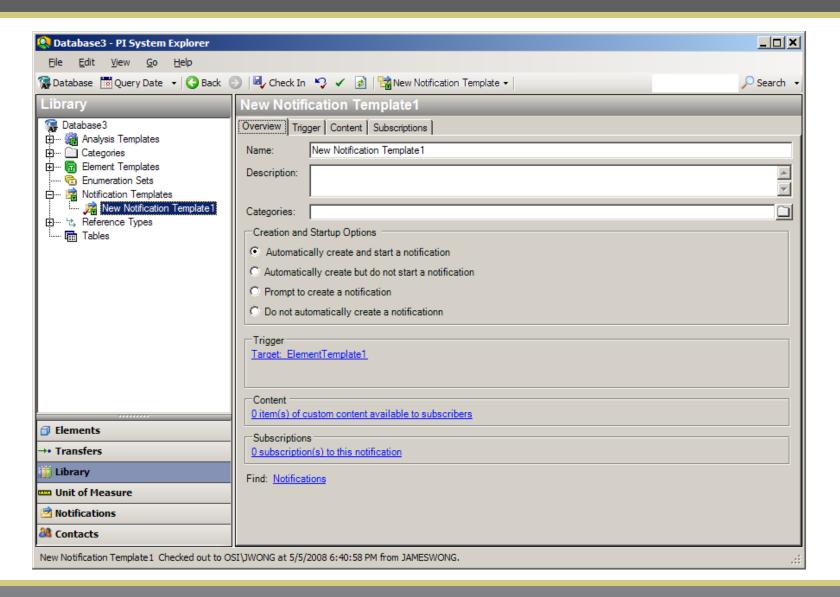
Pl Notifications – The Value

- Alerting "out of band" anywhere, anytime
- Escalation
- Notification history (including acknowledgements and other actions) maintained forever
- No programming required
- Extensible delivery channels that can integrate with 3rd party systems and applications

French and German MyPI

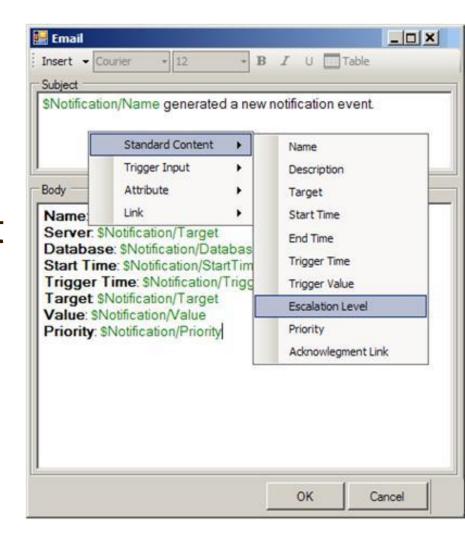


Creating a Notification Template



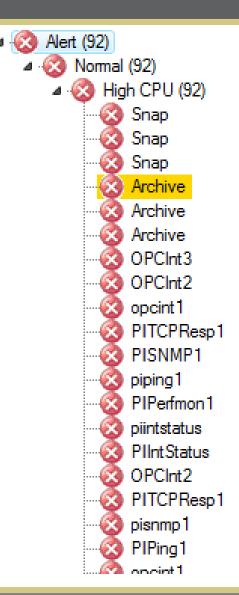
Message Formatting

- Configure text of email
- Choose fonts, etc.
- Placeholders for content



MyPI enhancements

- Saved searches
 - Description
 - Element
 - Contact
 - State
 - Priority
- Hierarchical views
 - Element tree
 - State
 - Status
 - Priority



Questions?

- Expo booth
- Contact info
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