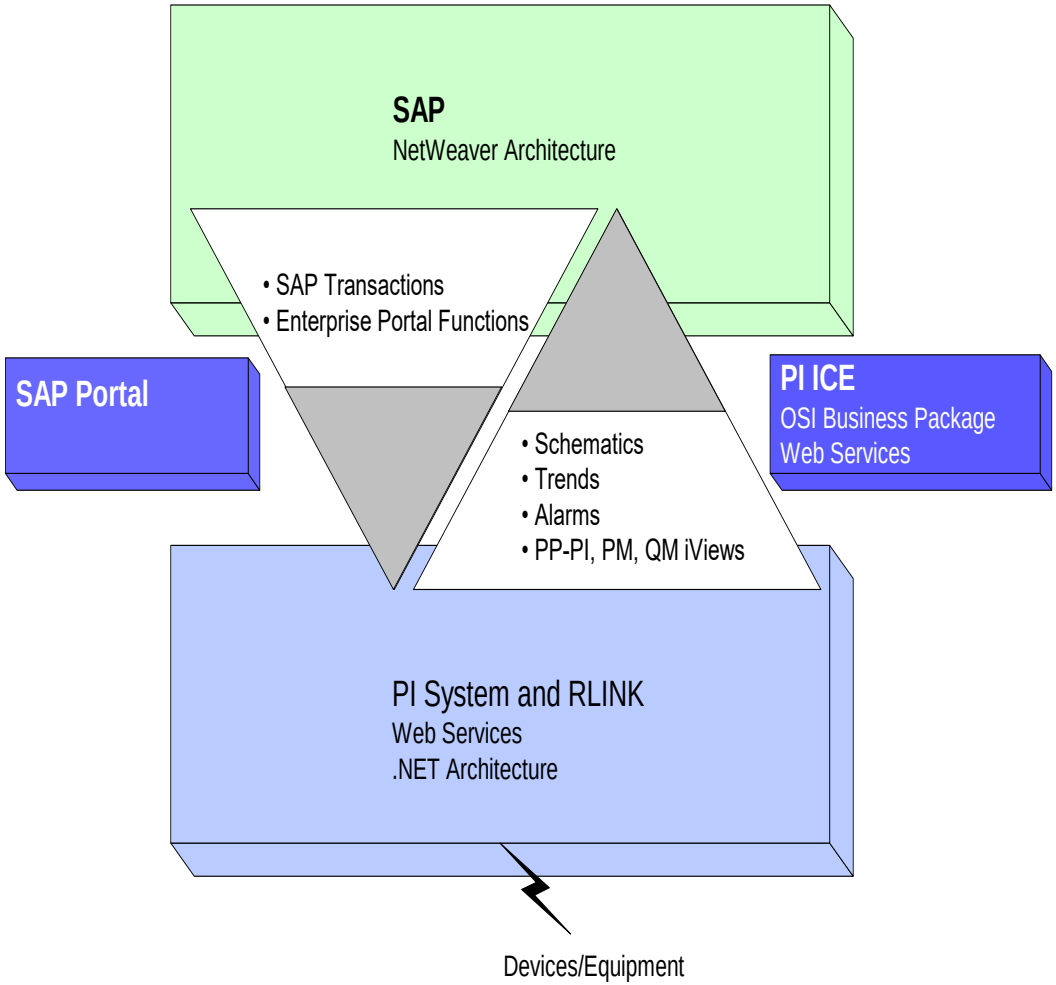
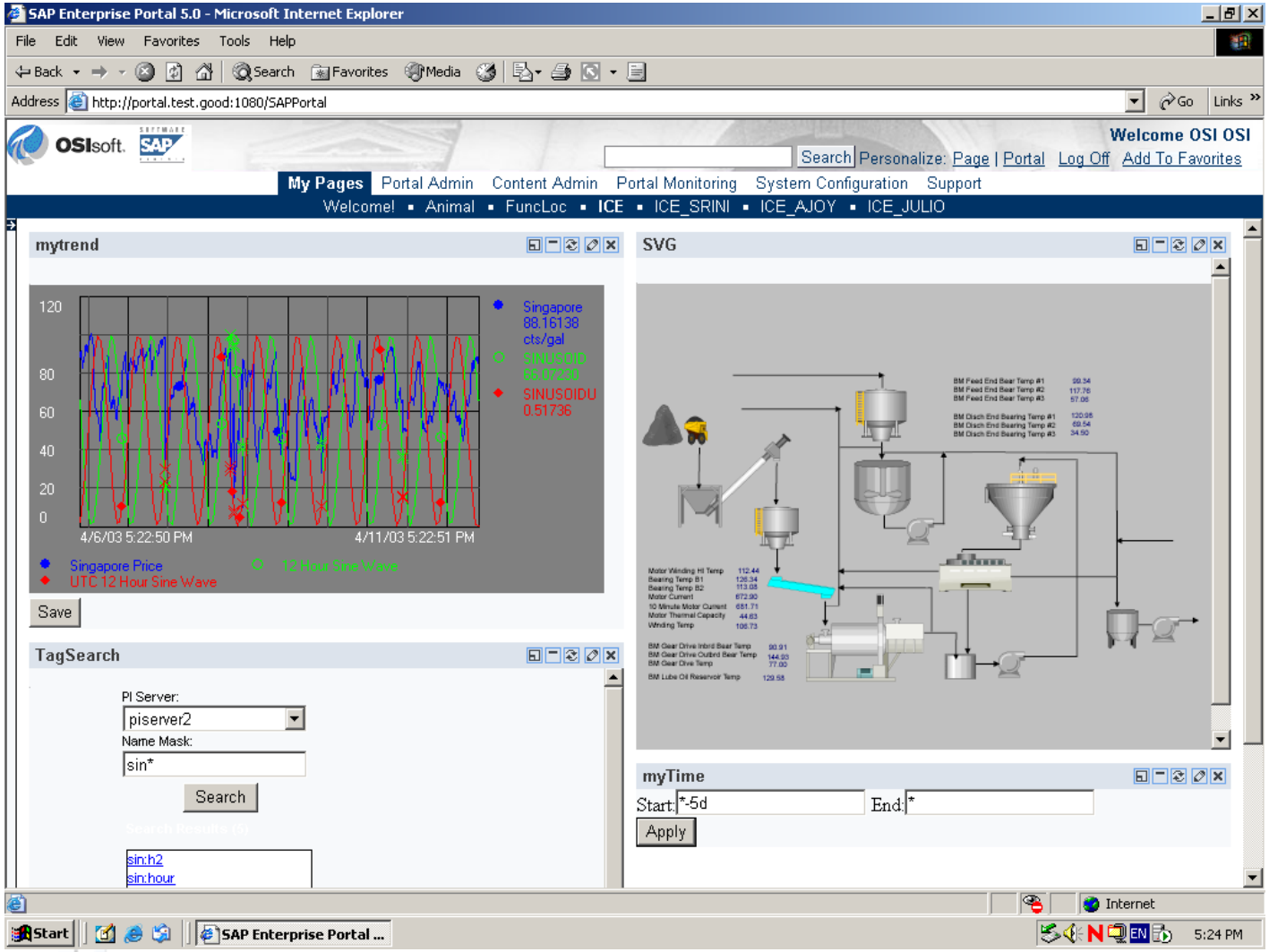
SAP Integration SAP Portal, PP-PI, MM, PM, QM, and more!

Gretchen Schwenzer, PhD.

SAP Portal and PI ICE



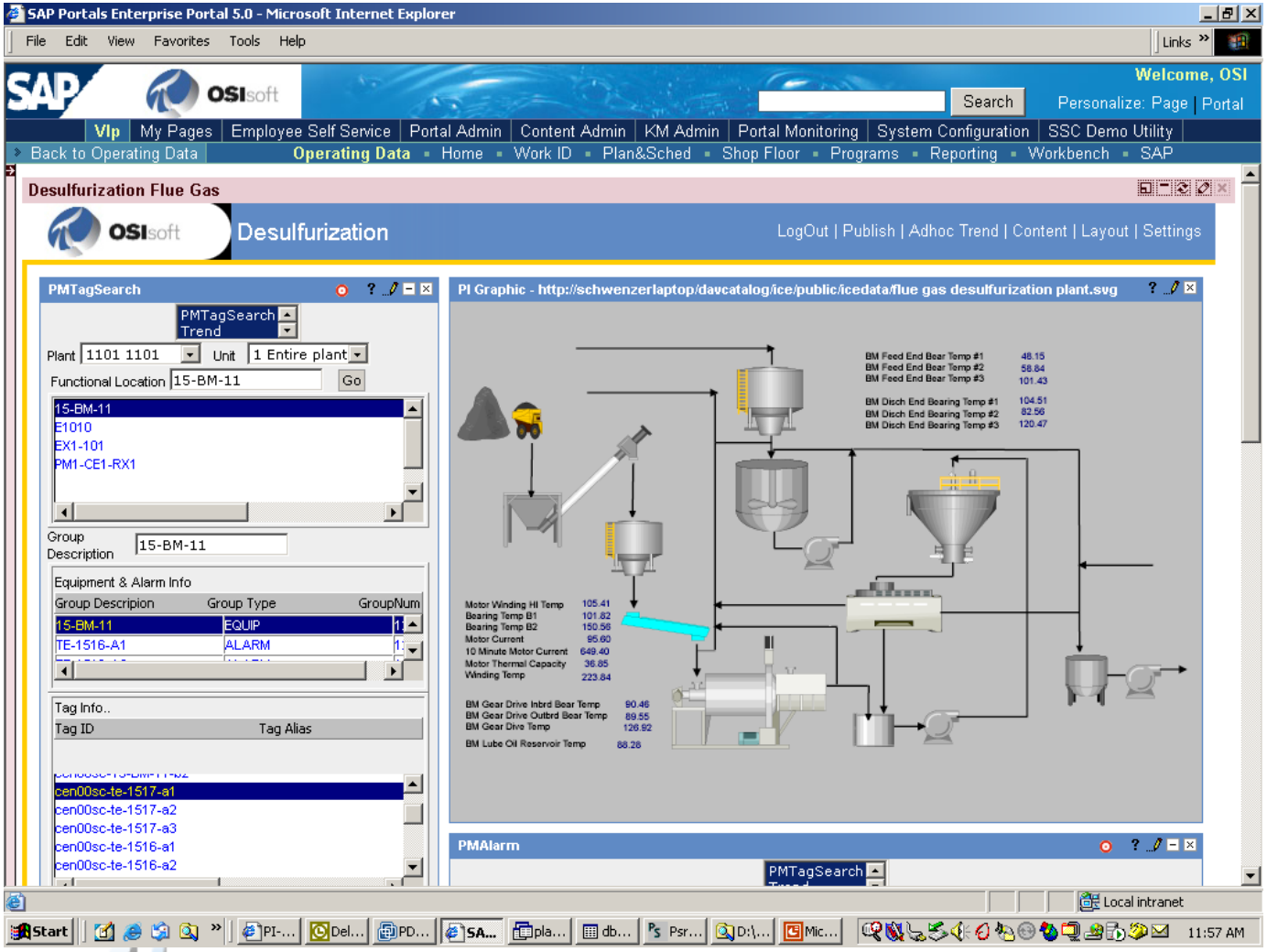
OSIsoft SAP Portal Business Package



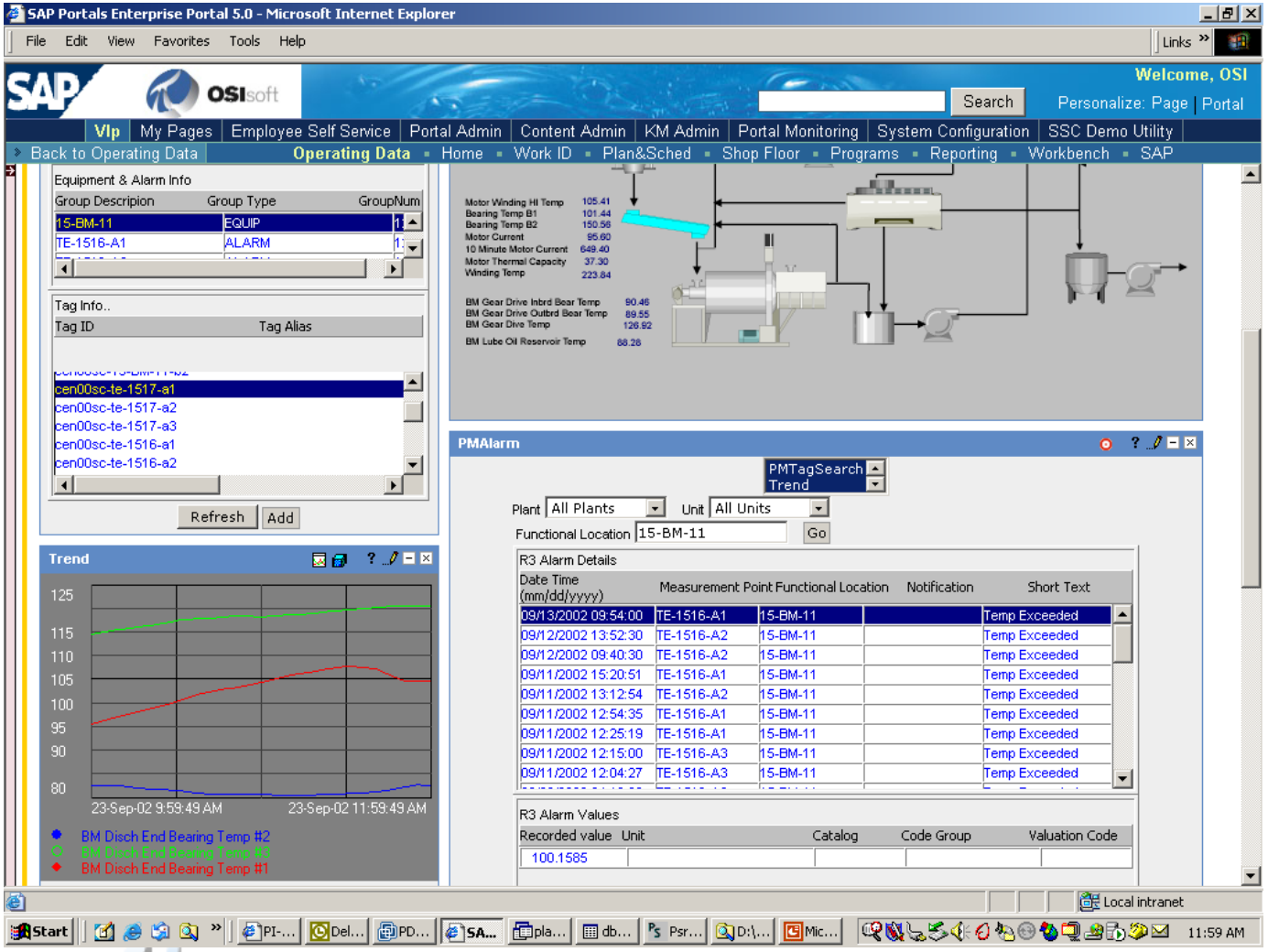
Terminology

- *SAP NetWeaver Architecture*
- *SAP Web Application Server J2EE, Active Directory, SQLServer, Java Runtime, JBuilder (Microsoft .Net, Websphere)*
- *SAP Windows GUI or HTML GUI*
- *iView*
  - *Java*
  - *.NET*
- *Single Sign On*
- *Roles*
- *Eventing*
- *Design Customization and Personalization*
- *Drag and Relate*
- *Unification*

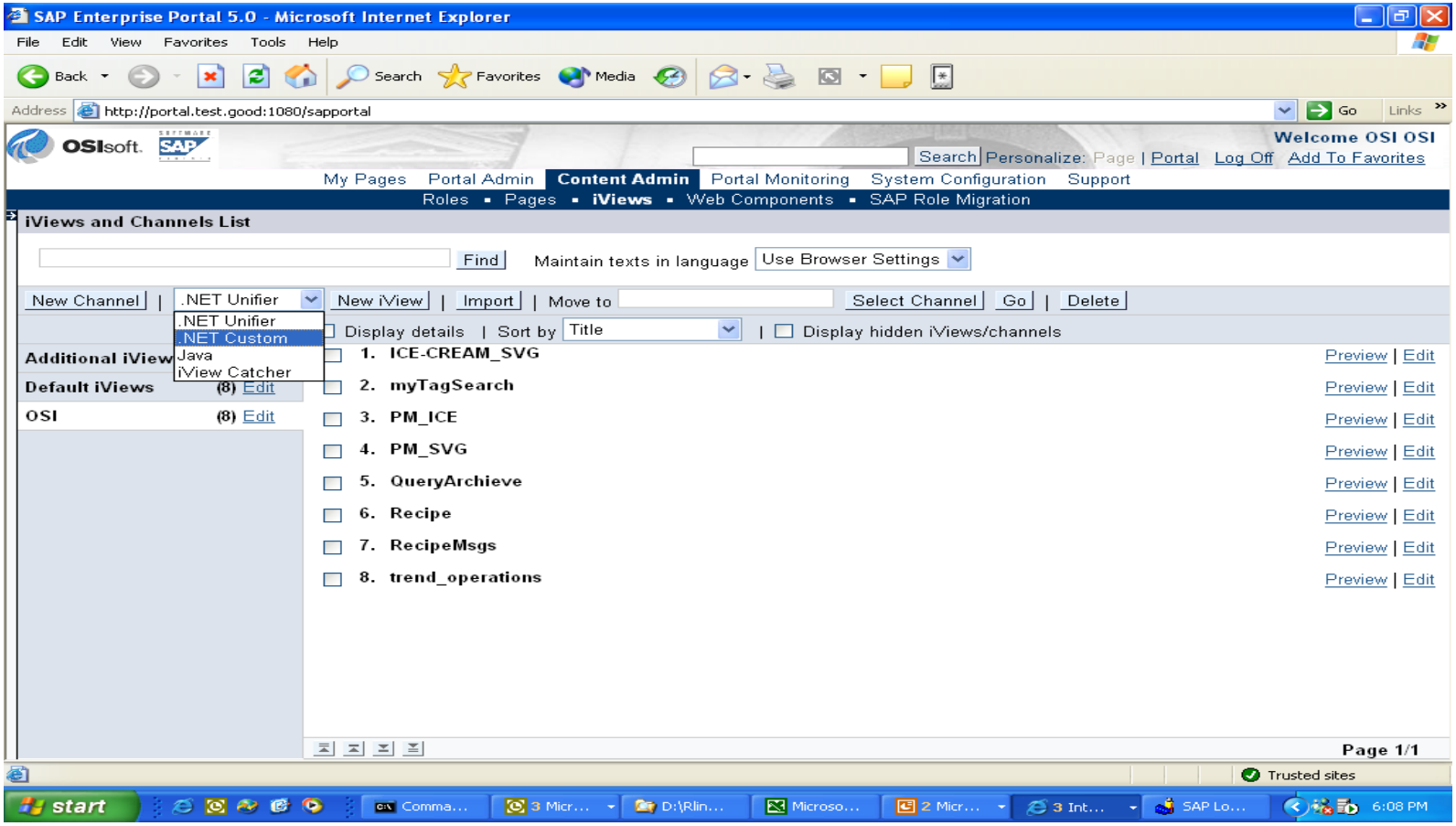
SAP Portal RLINK-ICE-TEA and PI-ICE



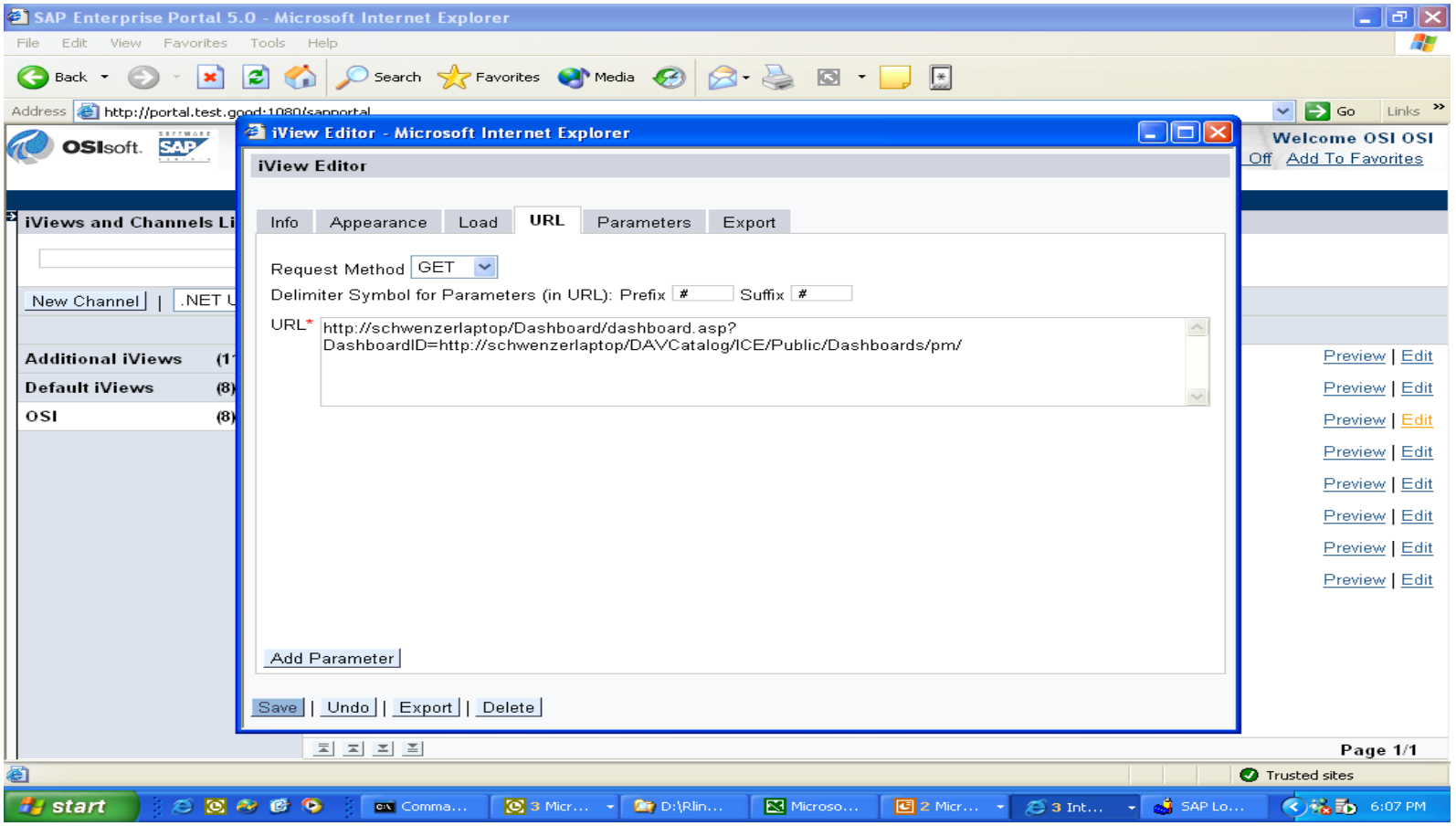
PI-ICE, RLINK-ICE-TEA and SAP Portal



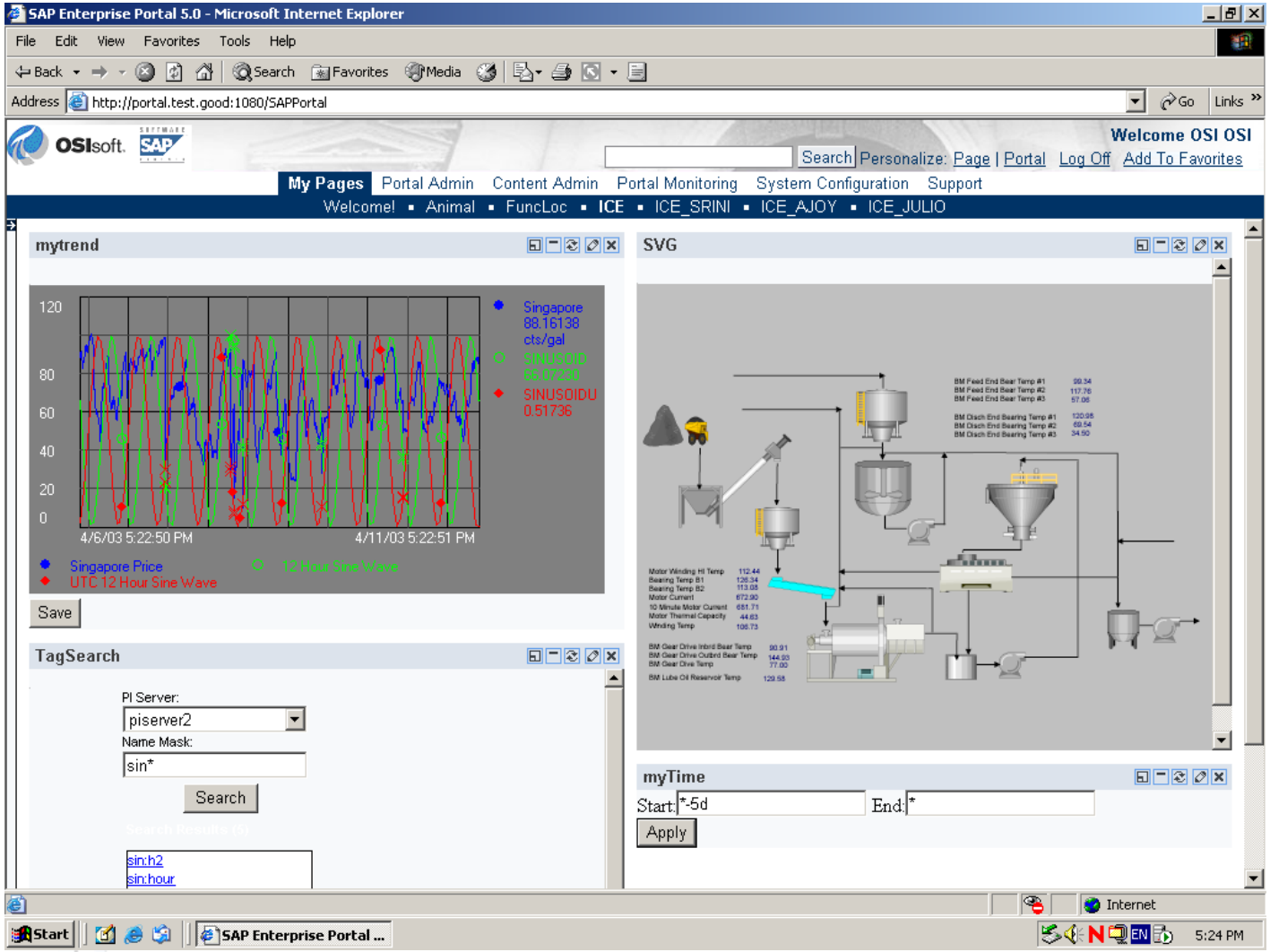
Types of iViews in the SAP Portal



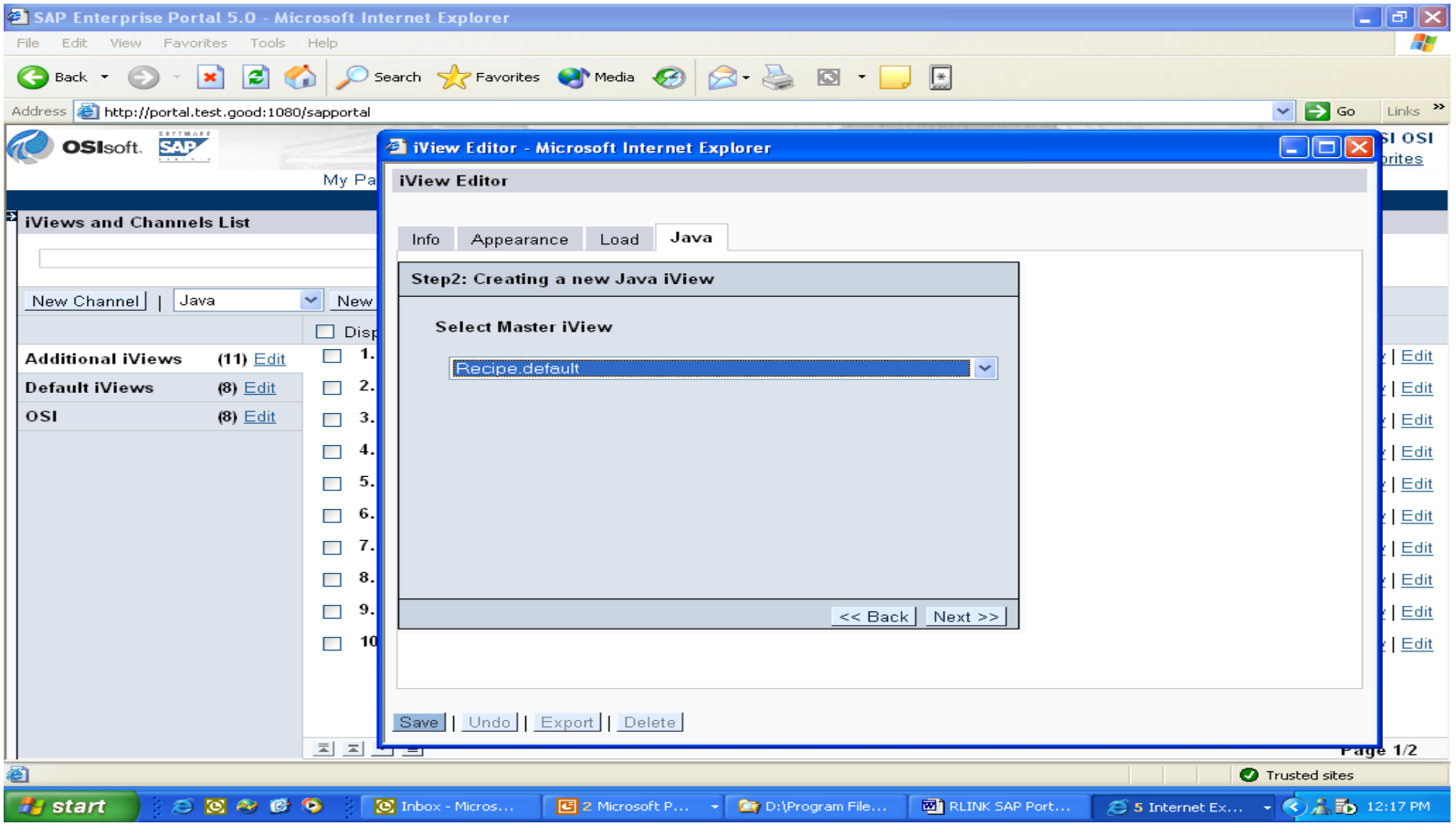
Integration of PI ICE as .NET Custom iView



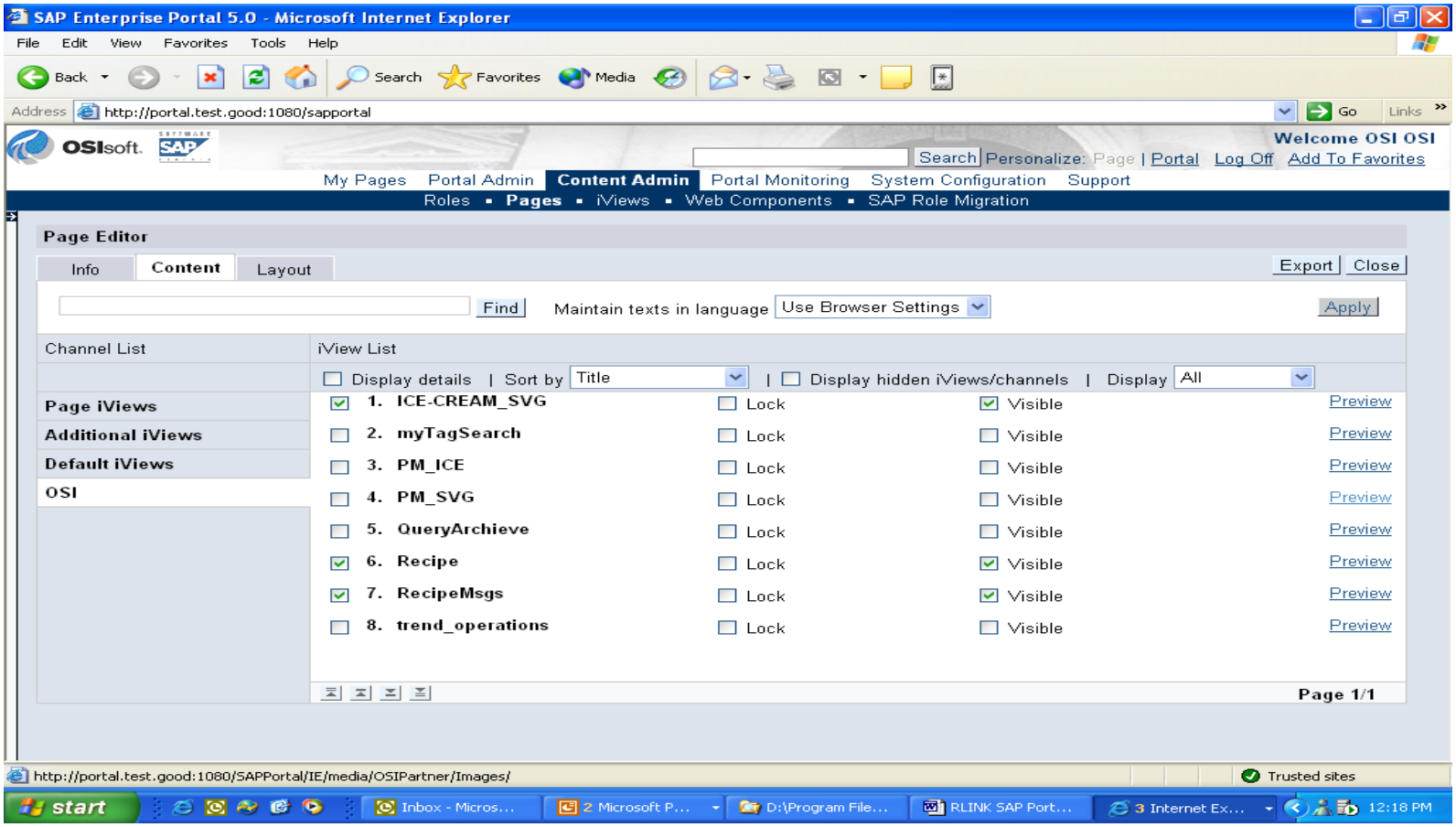
RLINK SAP Portal Business Package



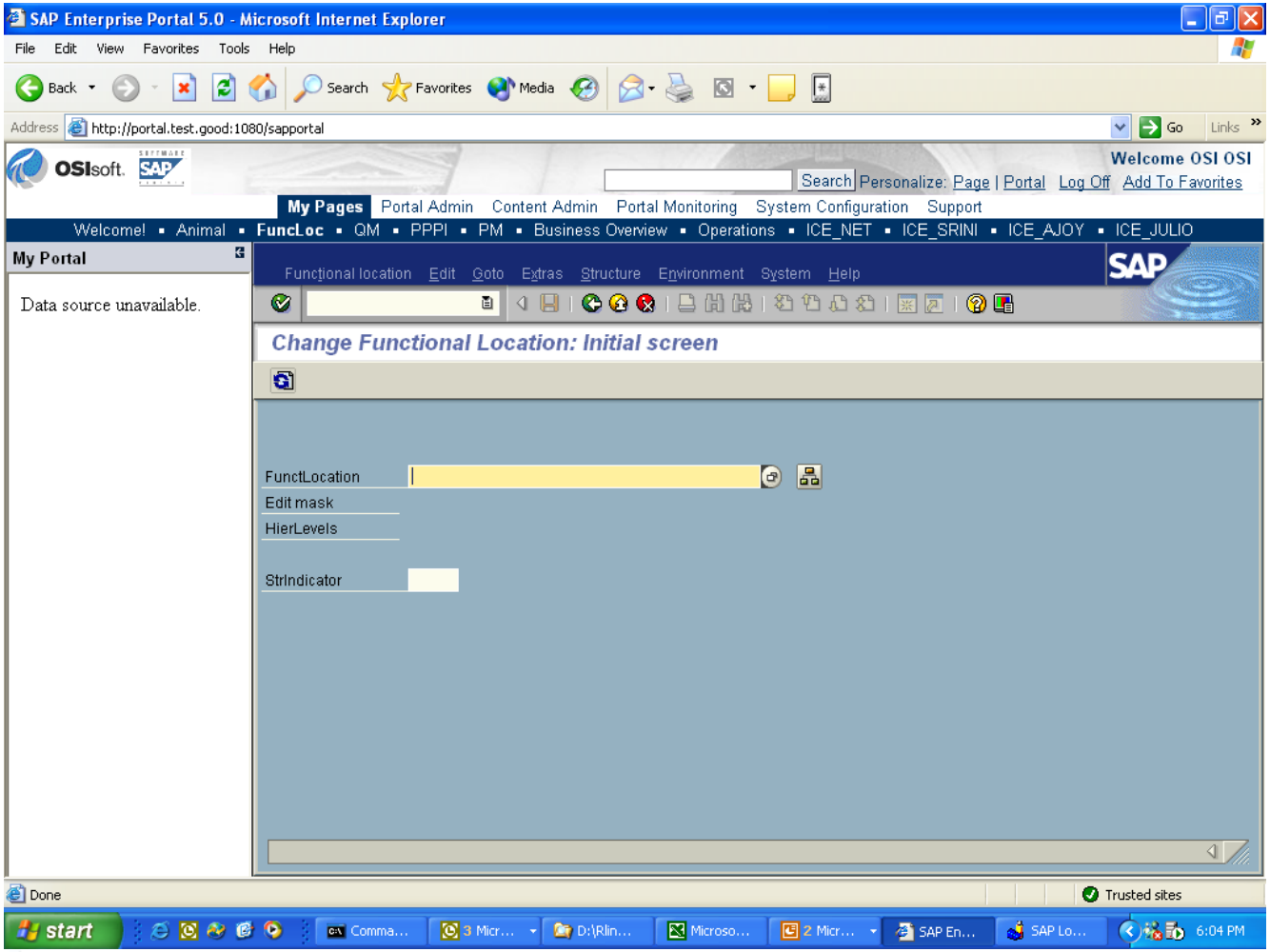
Java iViews for Business Package



Page Definition for SAP Portal



iPanel and SAP Transaction



RLINK Business Package for SAP Portal

- *Integrates with other iViews*
- *SAP eventing with other iViews*
- *Look and Feel similar to other iViews*
- *Drag and Relate to iPanel*
- *Need to create new iView or each Trend, SVG etc. properties are stored with iView*
- *May be limited by administration to customization of content*

PI ICE and RLINK-ICE-TEA as .NET iView in SAP Portal

- *Flexible customization of the screen by the end user*
- *Drag and drop of values between web parts*
- *Dynamically change content*
- *Copy and paste to iPanel*

Business Package

- *Certification*
- *Downloadable from SAP site*
- *Selling license to ICE and RLINK*
- *Customer incorporates into many applications*
- *We fix scope and definition*

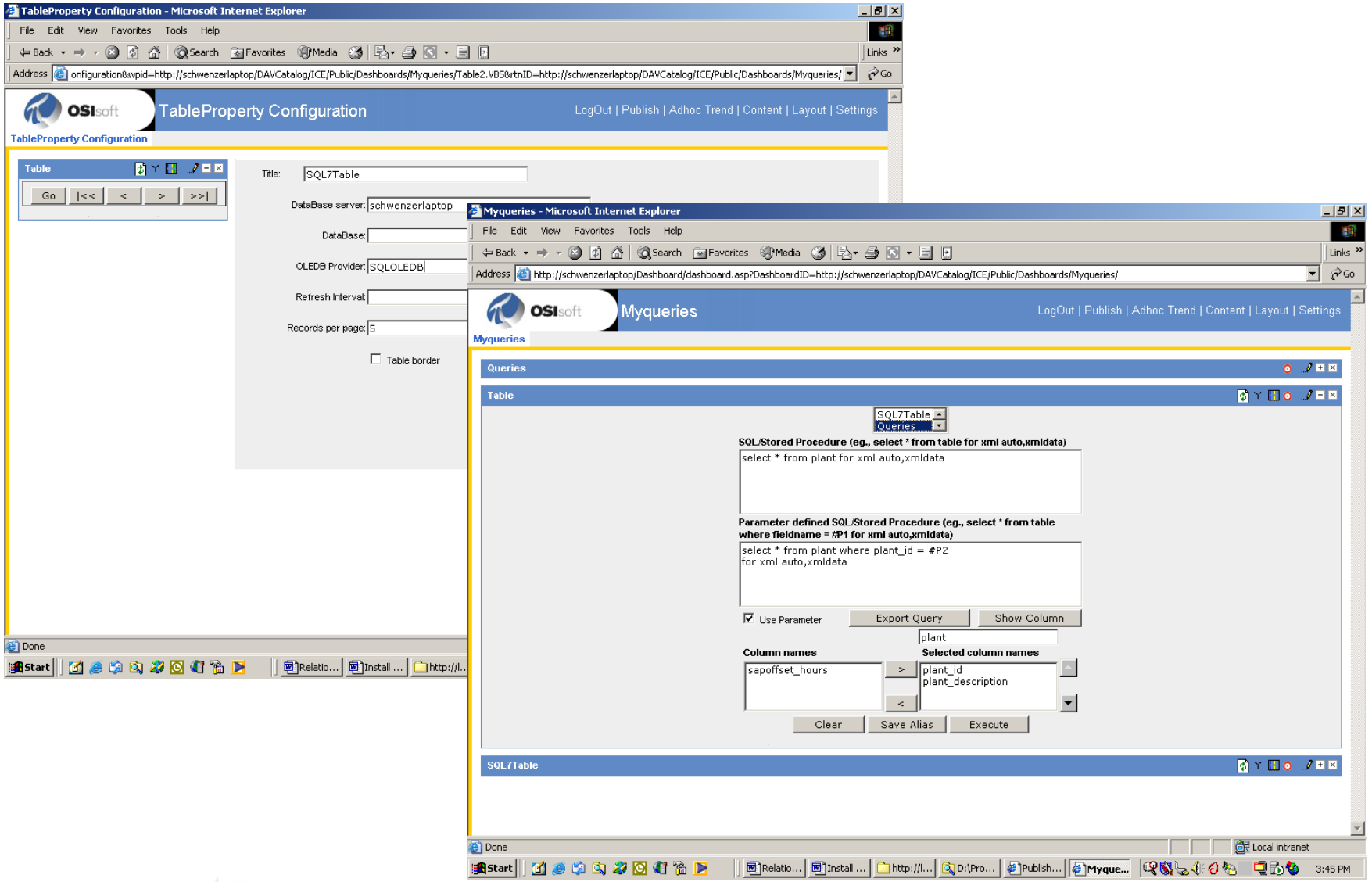
xAPP

- *Defined application*
- *Approved application by SAP*
- *Fixed scope resolved with SAP*
- *Marketing announcements by SAP*
- *SAP uses to sell seats to portal*

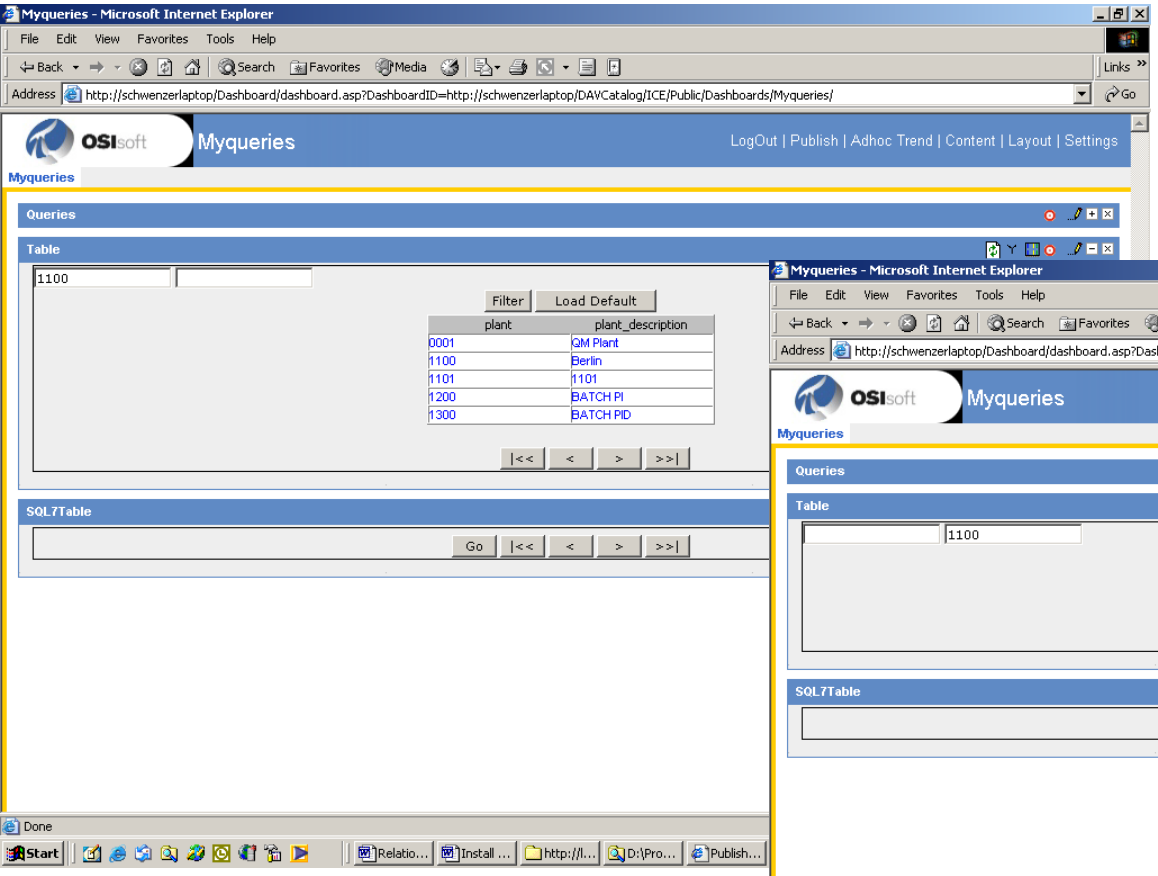
Advantages

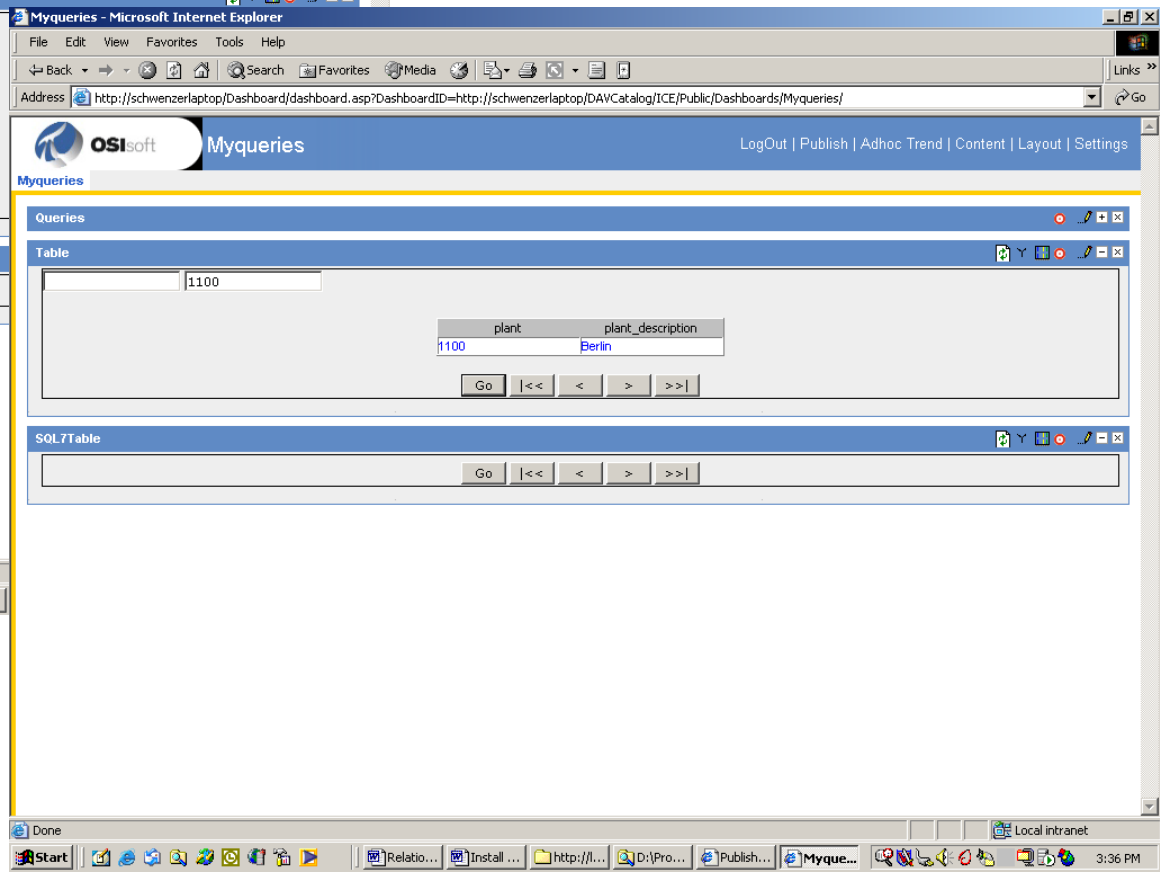
- *Certified by SAP*
- *Vendor Supported*
- *High performance thru-put with OSI web services*
- *Scales*
- *Knowledge of integration between SAP and OSIsoft encapsulated*

RLINK-ICE-TEA (To Enterprise Applications) Relational Data Access

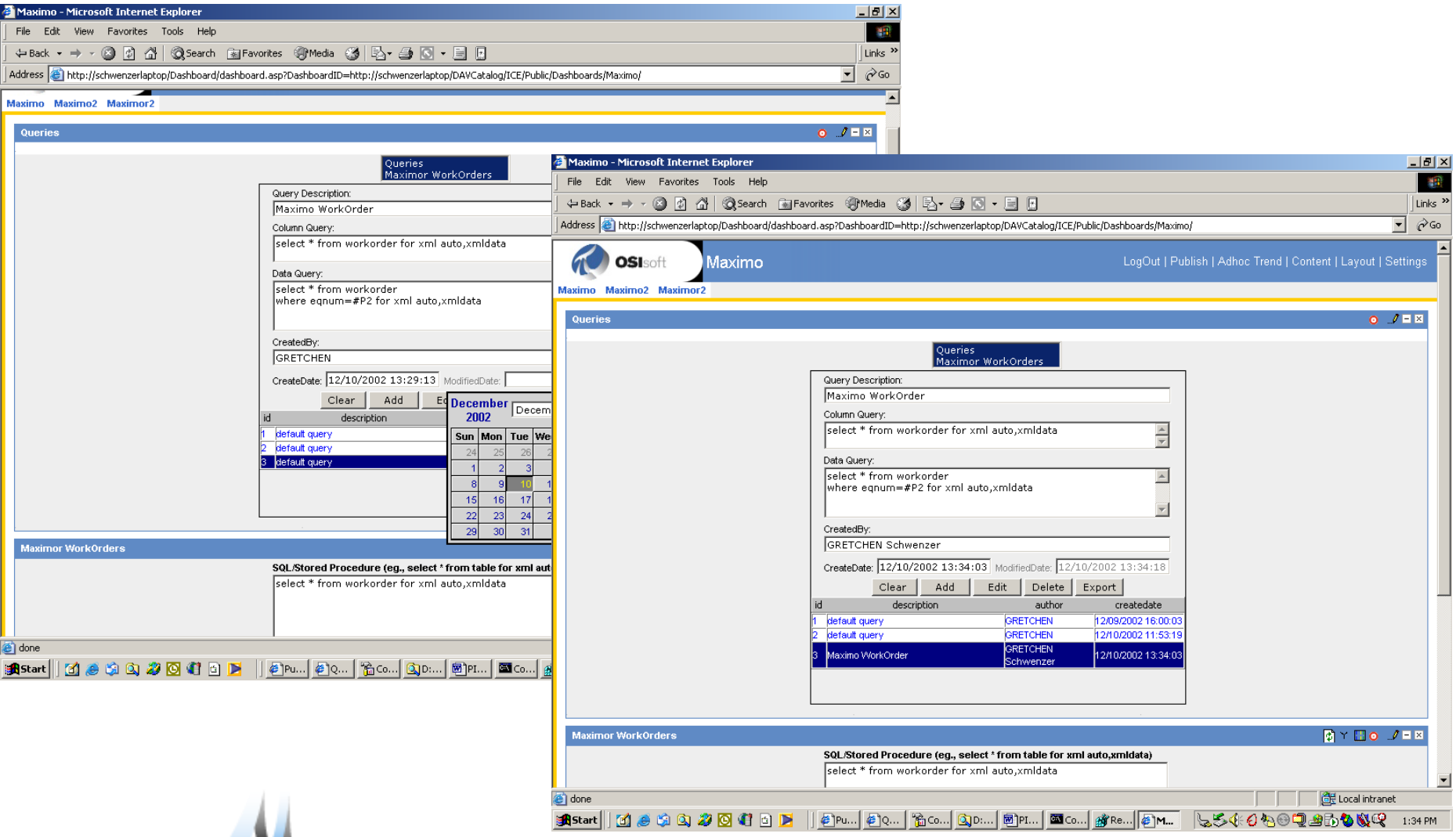


Two Methods to Filter Your Data Request

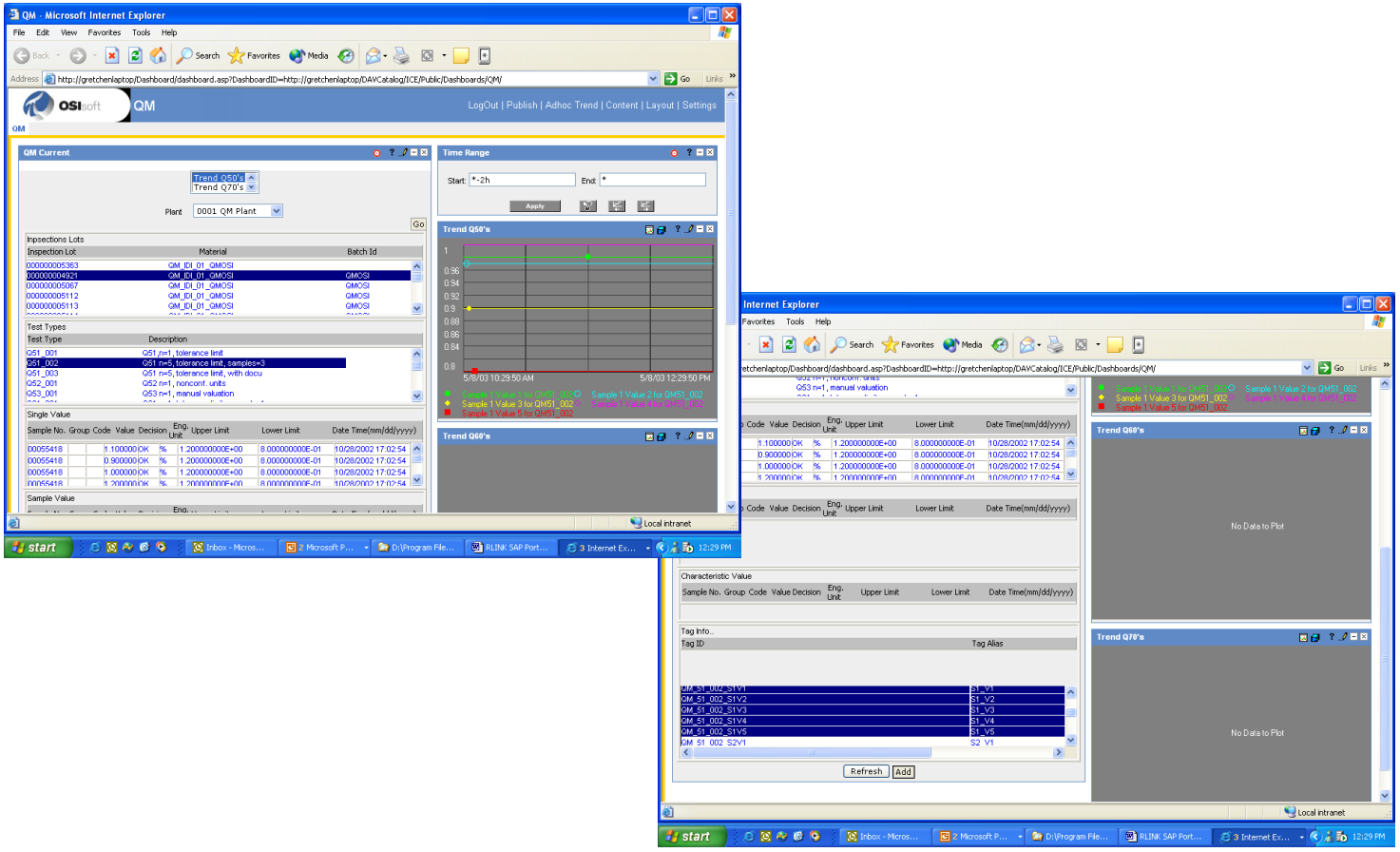




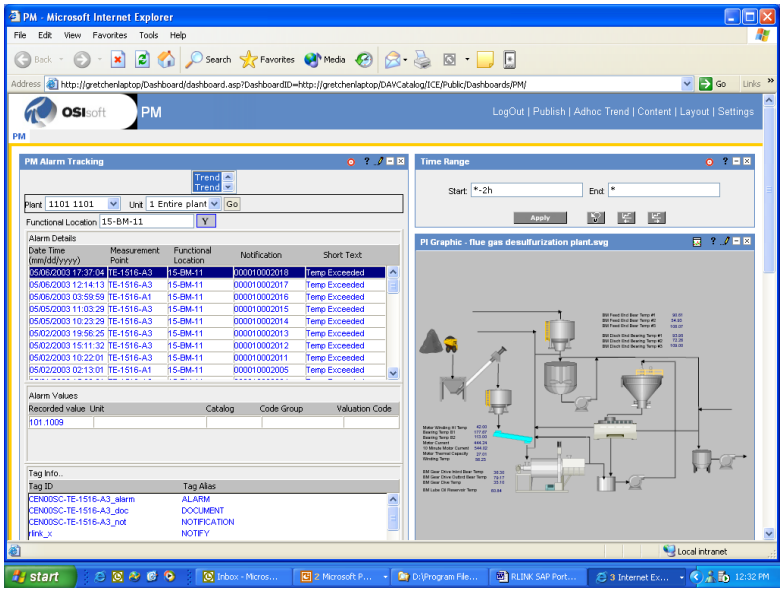
Query Library

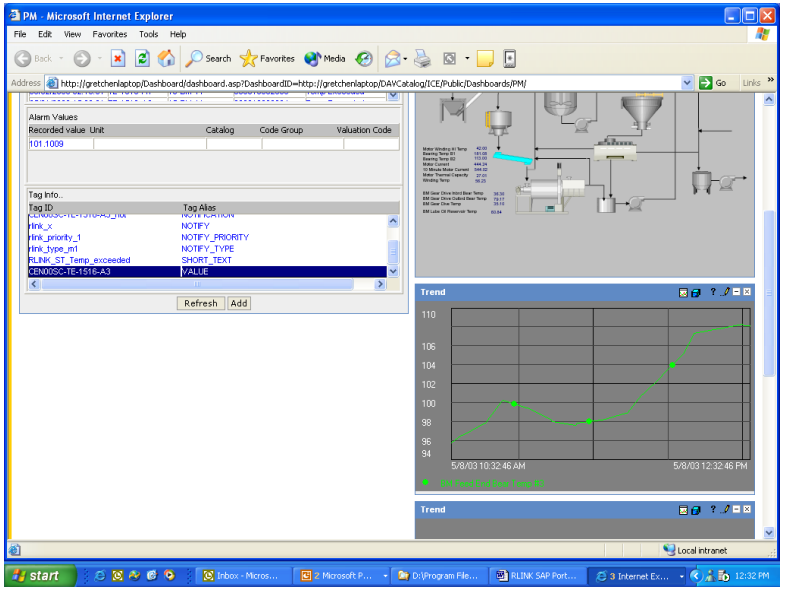


QM Web Part and iView

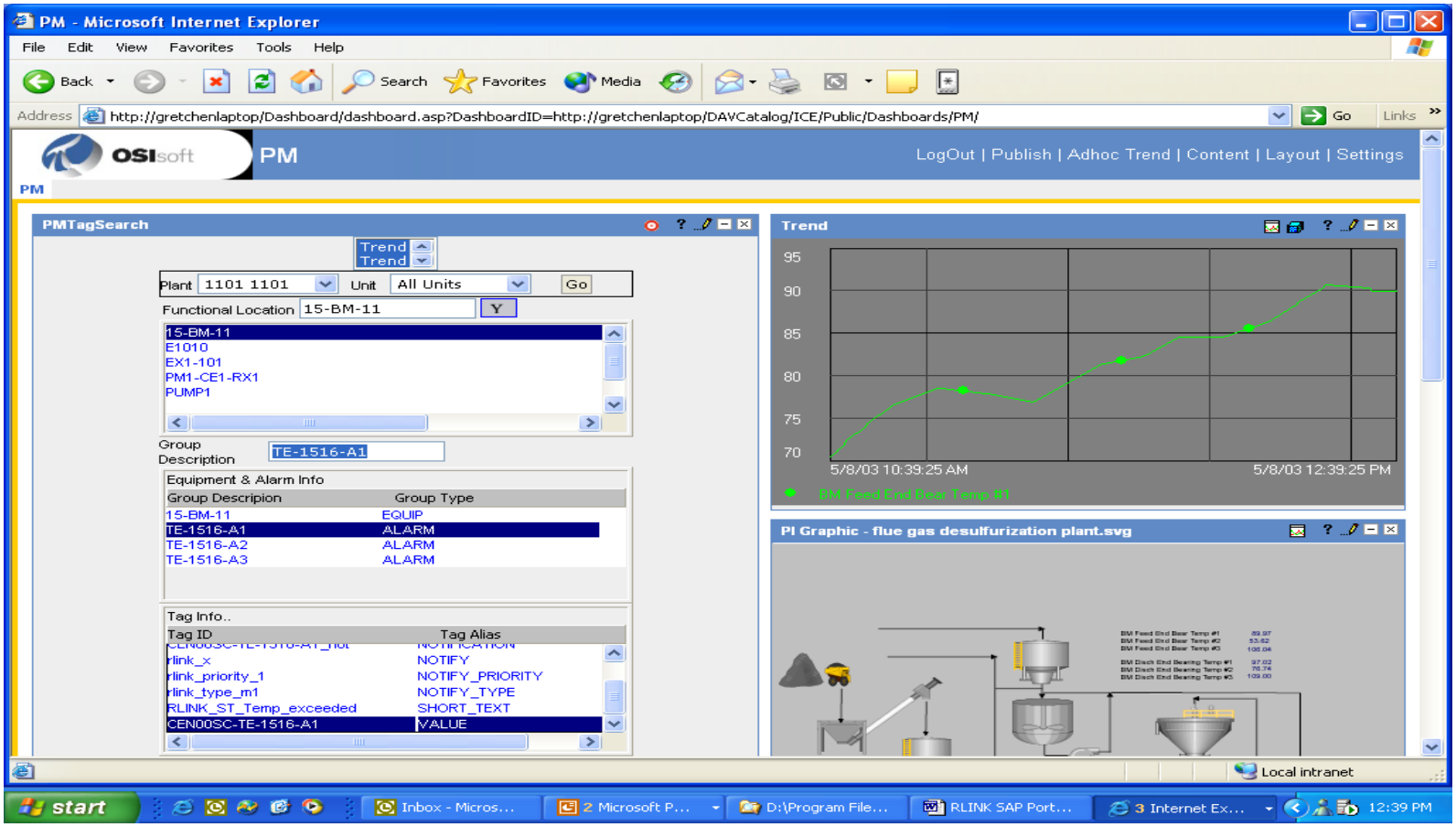


PM Alarm WebPart and iView

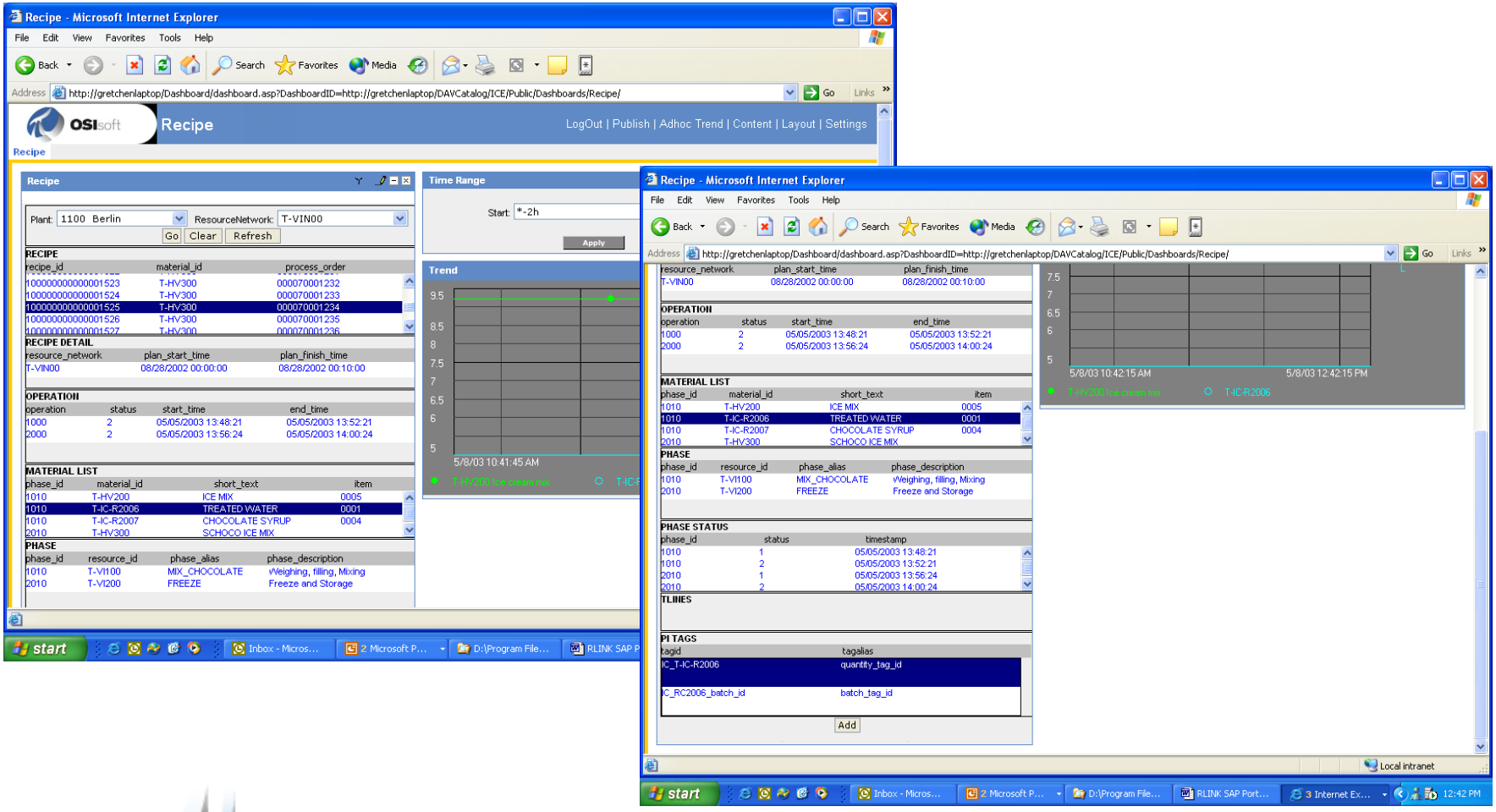




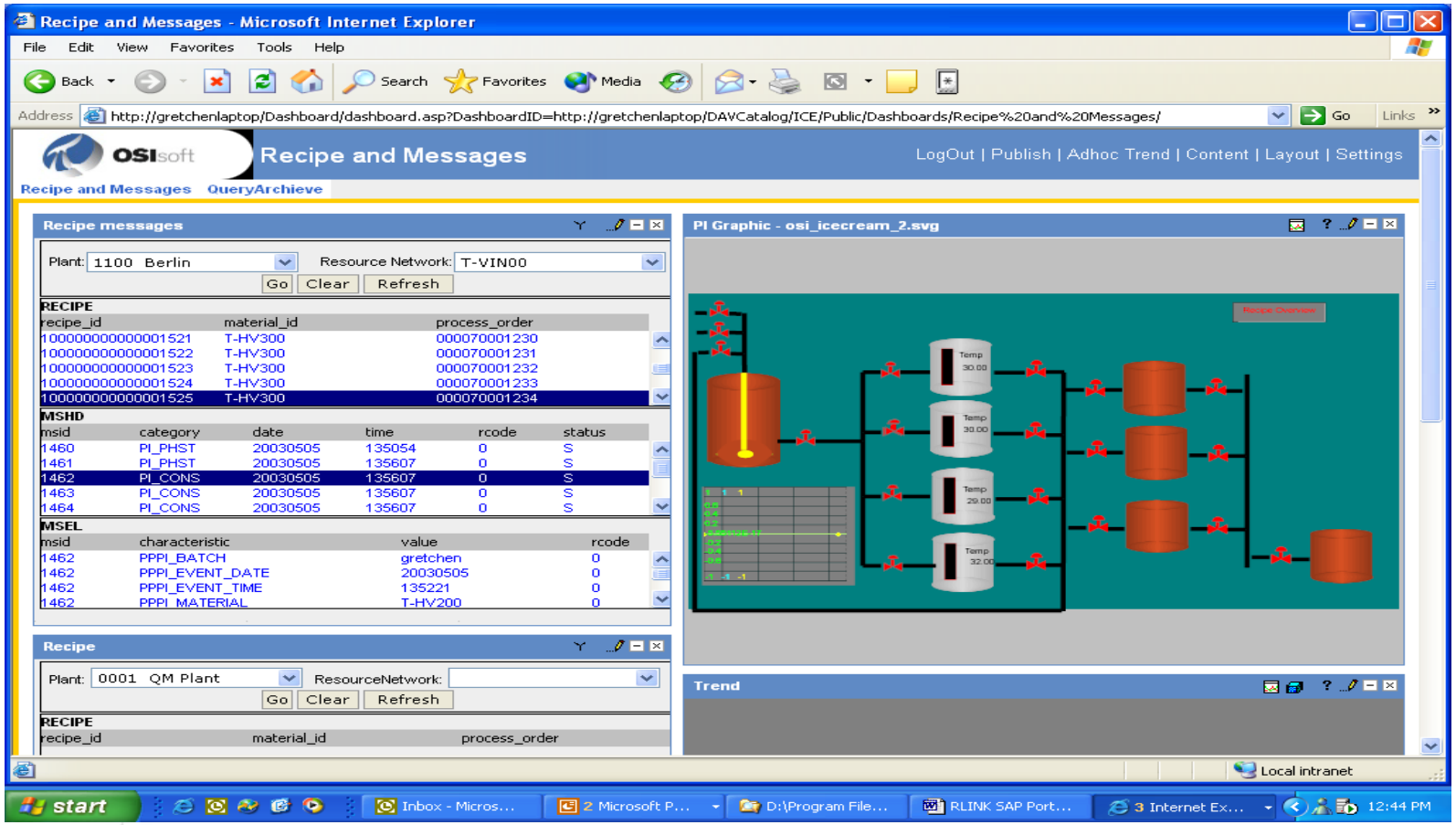
PM Functional Location Search Web Part and iView



Recipe Web Part and iView



Messages Sent to SAP Web Part and iView



Additional Portal Work

- *Additional Web Parts and iViews*
- *Certification planned for early 4th Quarter*
- *Unification and Drag and Relate*

Other Developments

- *PM*
  - *Alarms detected by digital state change*
  - *List of Functional locations etc SAP 4.7*
- *QM*
  - *Lab results retrieved from SAP*
- *PP-PI*
  - *Price Data*
  - *Inventory Data*