REAL-TIME PERFORMANCE MANAGEMENT FOR THE ENTERPRISE
RtPM
SAN FRANCISCO PHILADELPHIA HOUSTON FRANKFURT
OSISOFT USER CONFERENCES 2005
REAL-TIME PERFORMANCE MANAGEMENT FOR THE ENTERPRISE
RtPM

Real Time Data Center
“How Did We Get Here”

Dr. J. Patrick Kennedy, CEO

OSIsoft Inc., San Leandro, CA 94577

© 2005 OSIsoft, Inc. – Company Confidential

UG

- Movements
- Graphics
- RtDB vs RDB
- Integration of RDB Data and PI
- ERP Link
- Redundancy
- Support

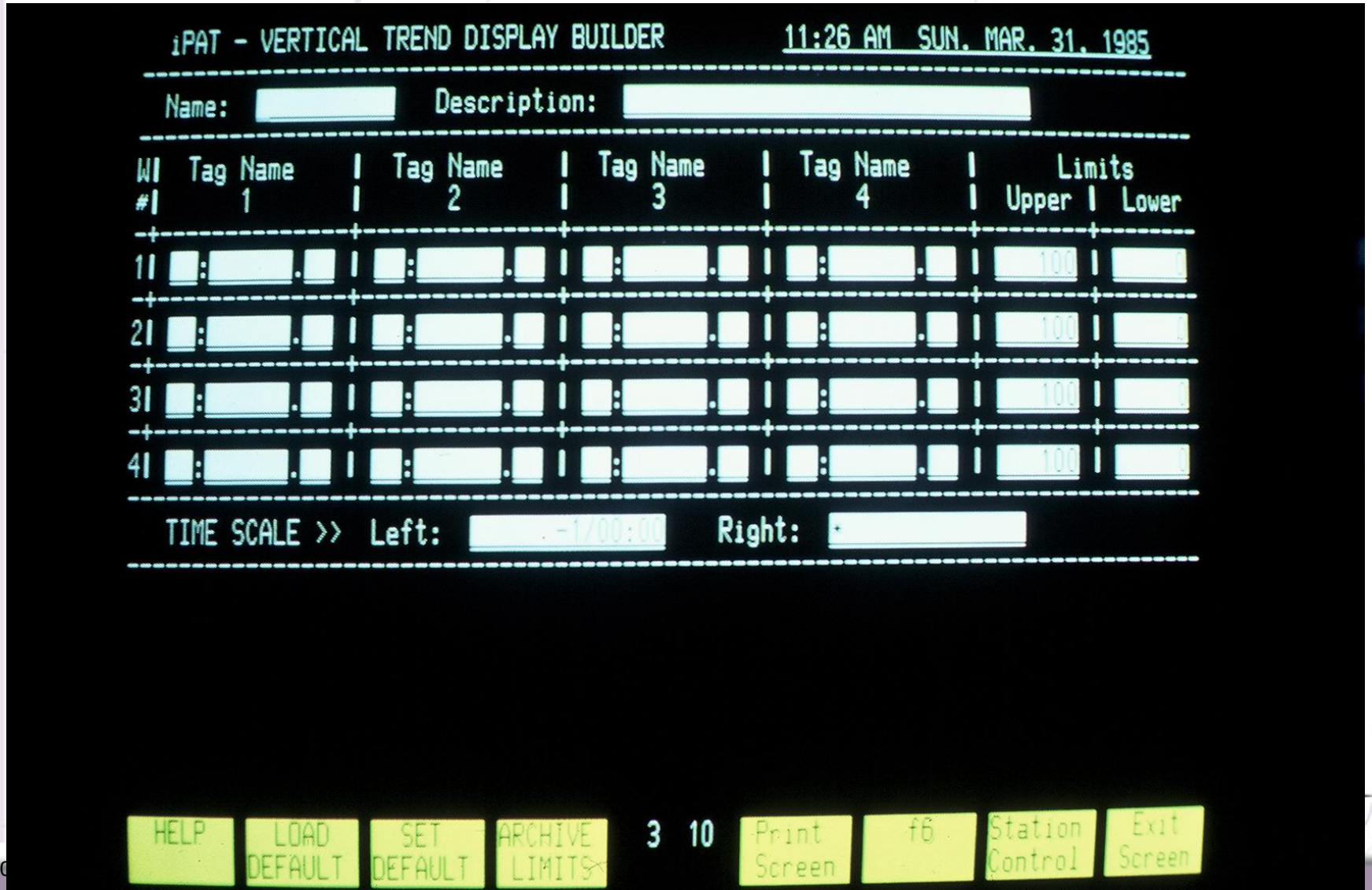
© 2005 OSIsoft, Inc. – Company Confidential

HIRI

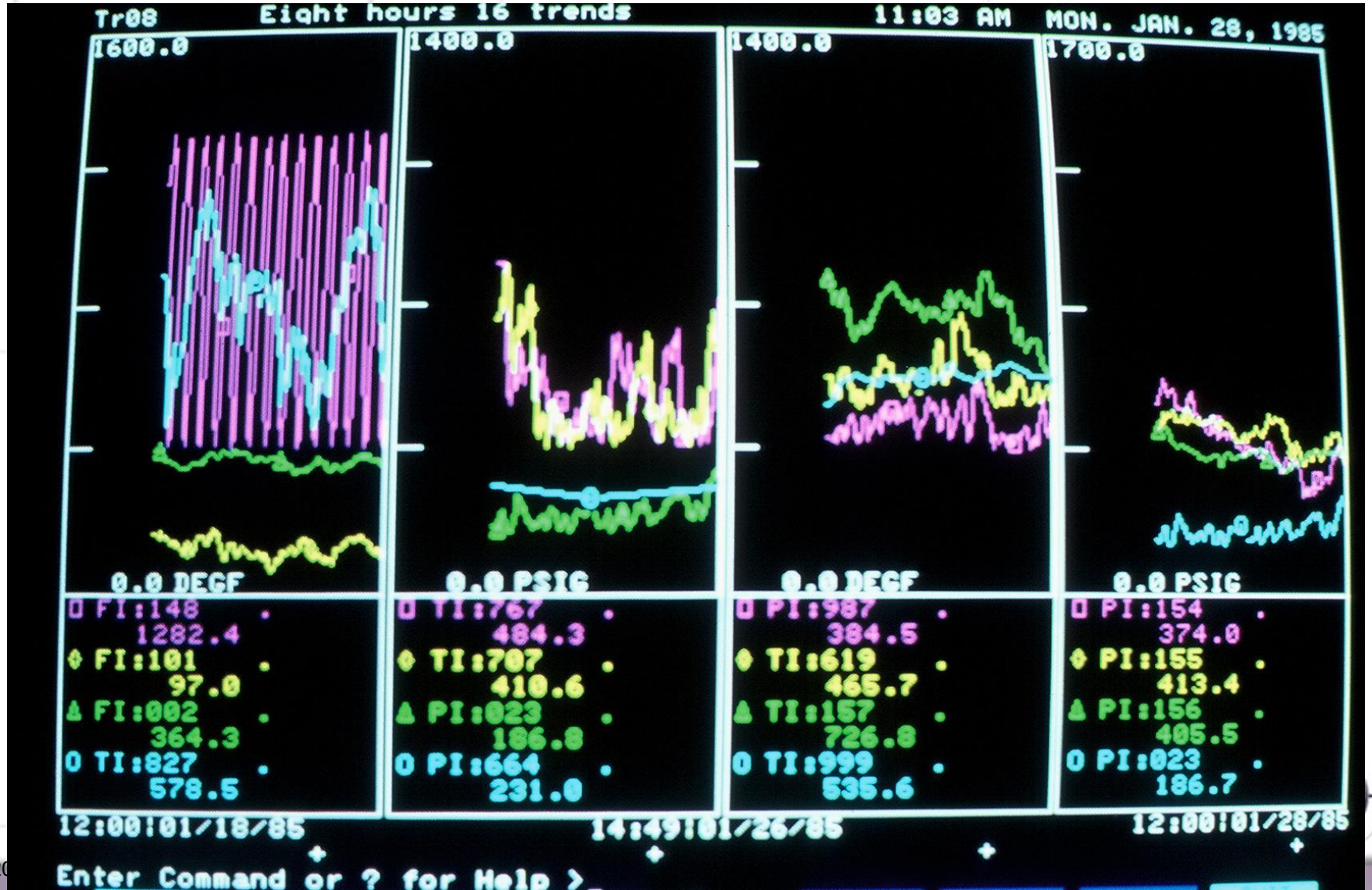
© 20

HIRI Control Room

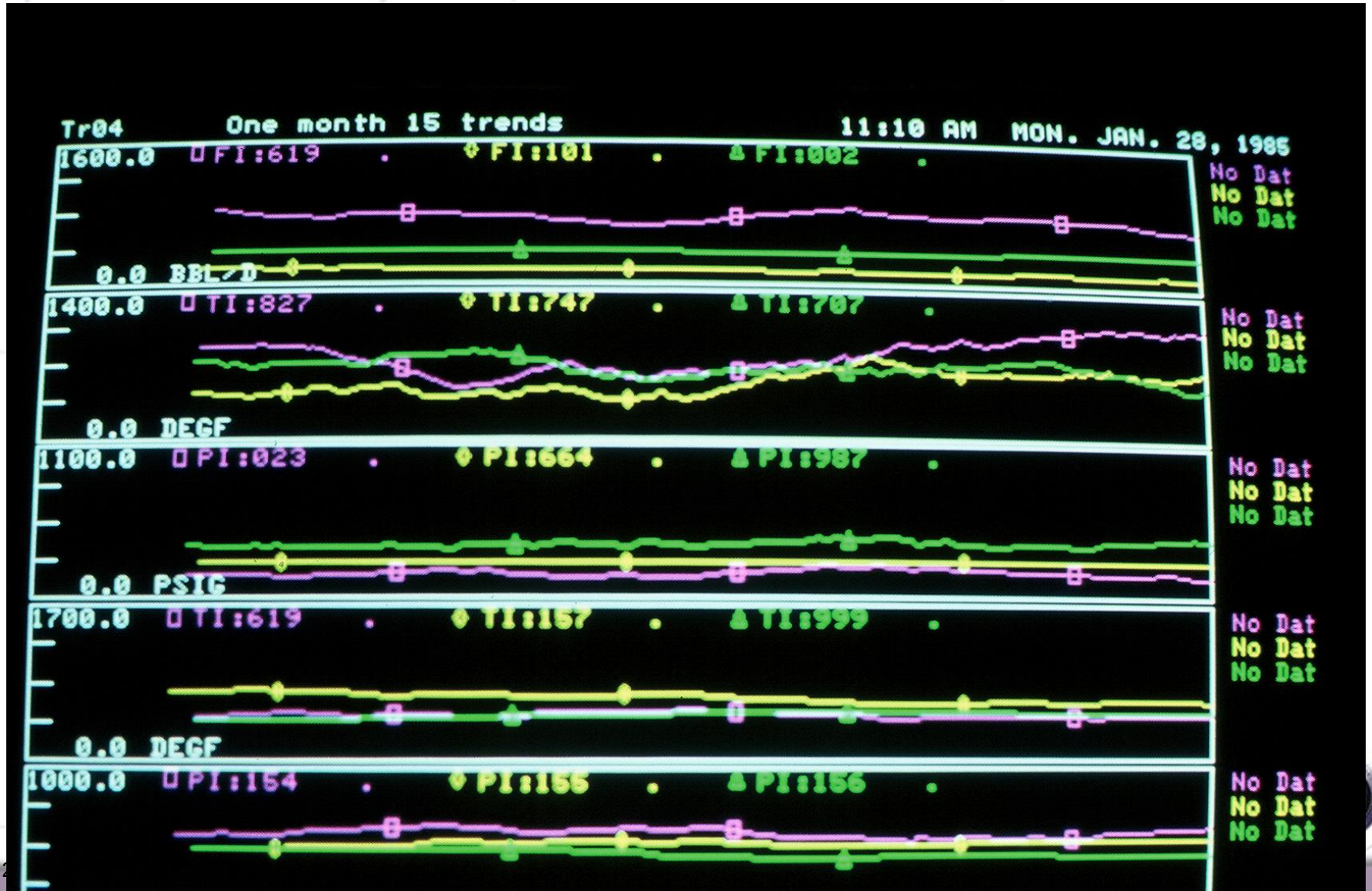
Vertical Trend Builder



Vertical Trend



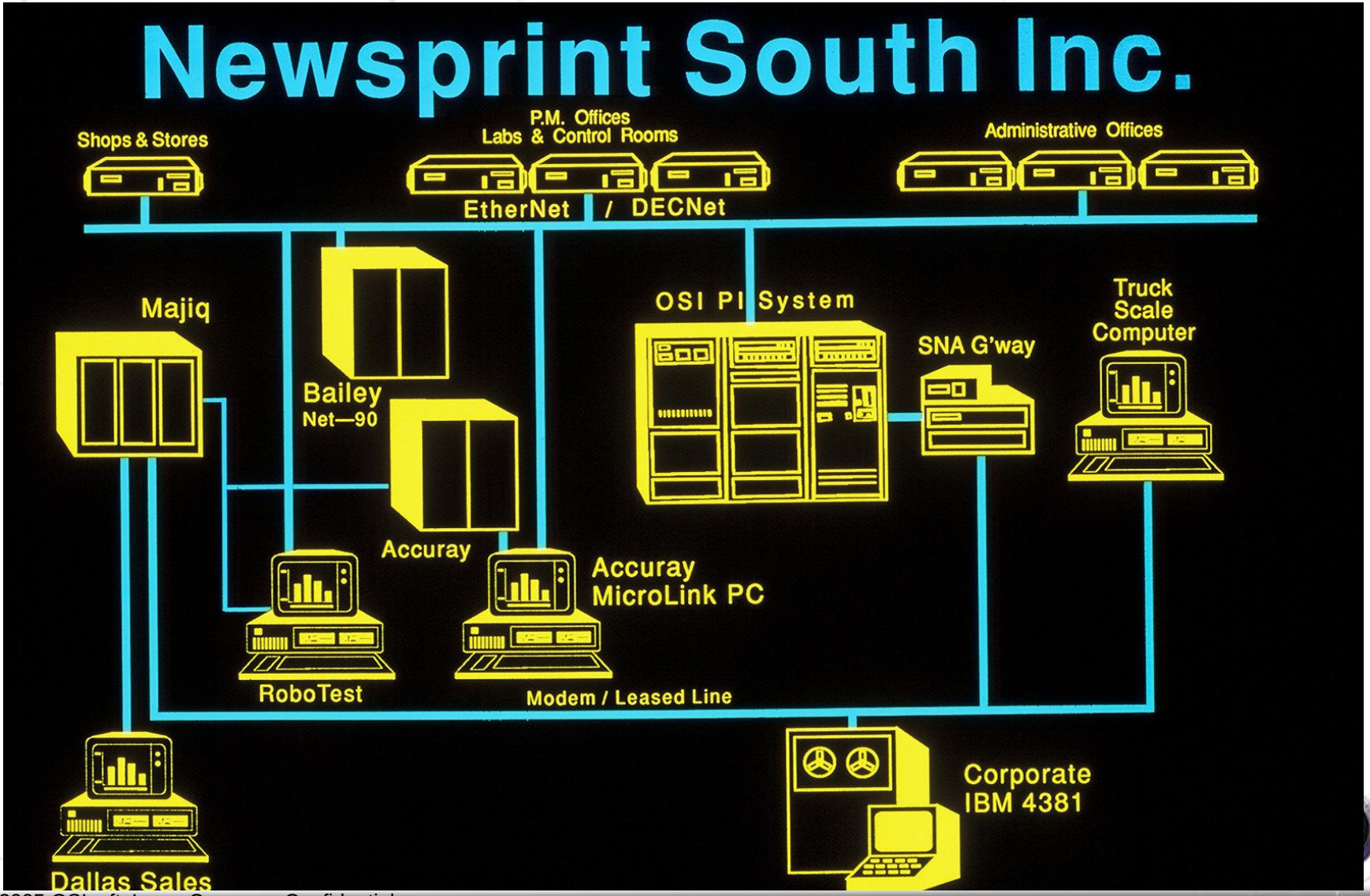
Horizontal Trend



Ashland Oil

Newsprint South

Newsprint South

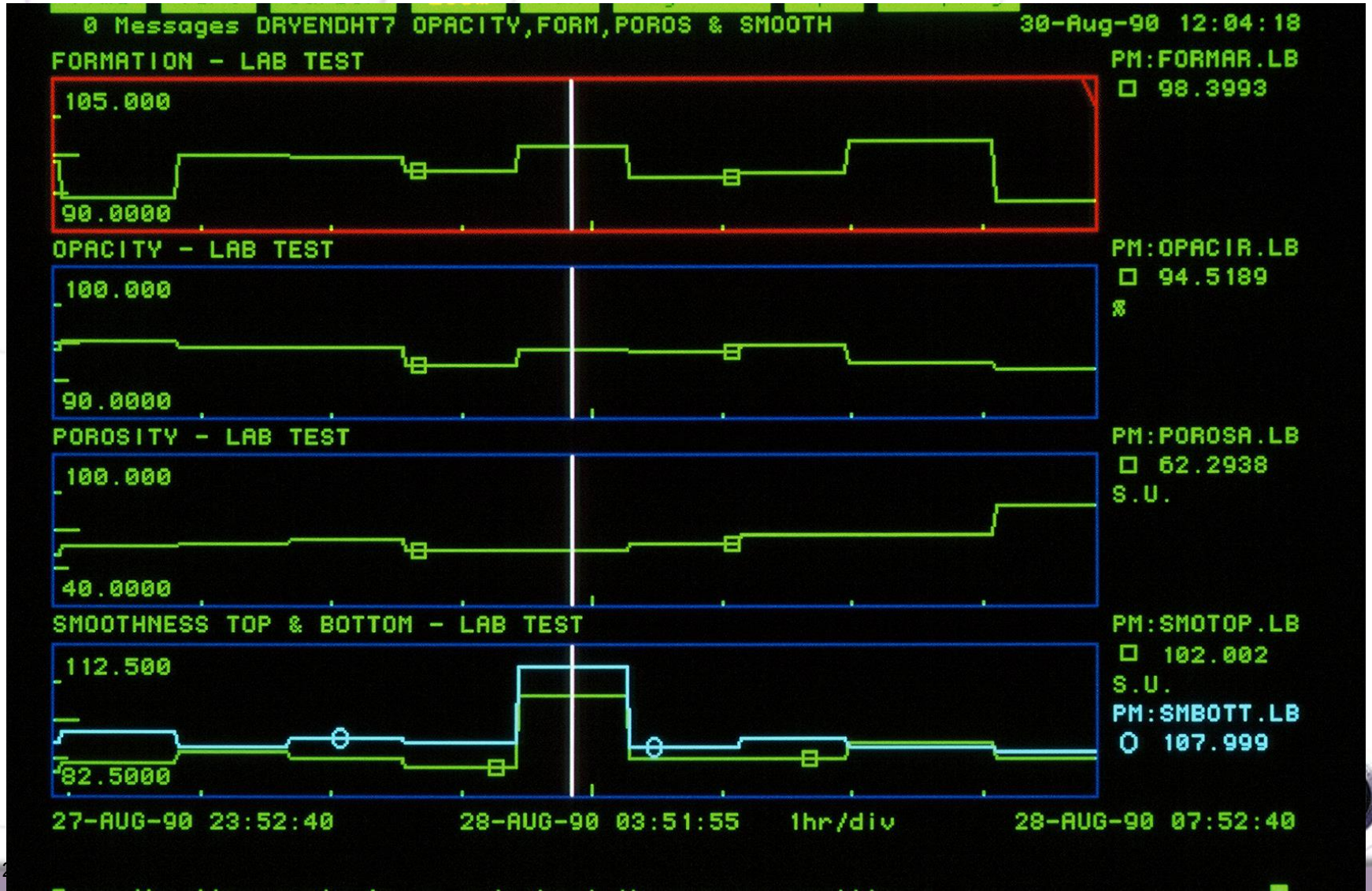


© 2005 OSIsoft, Inc. – Company Confidential

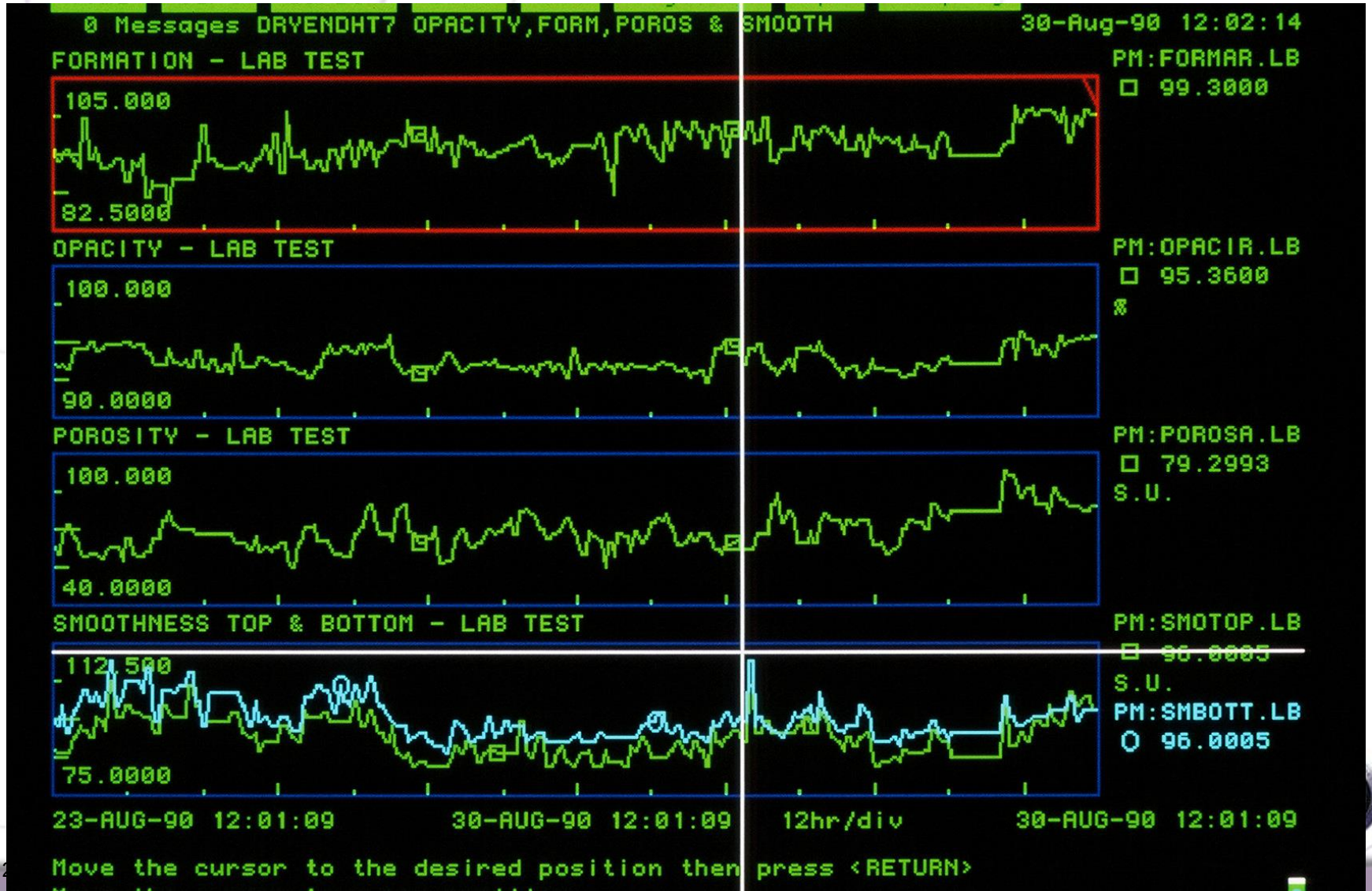
Control Room

© 2005 OSIsoft, Inc. – Company Confidential

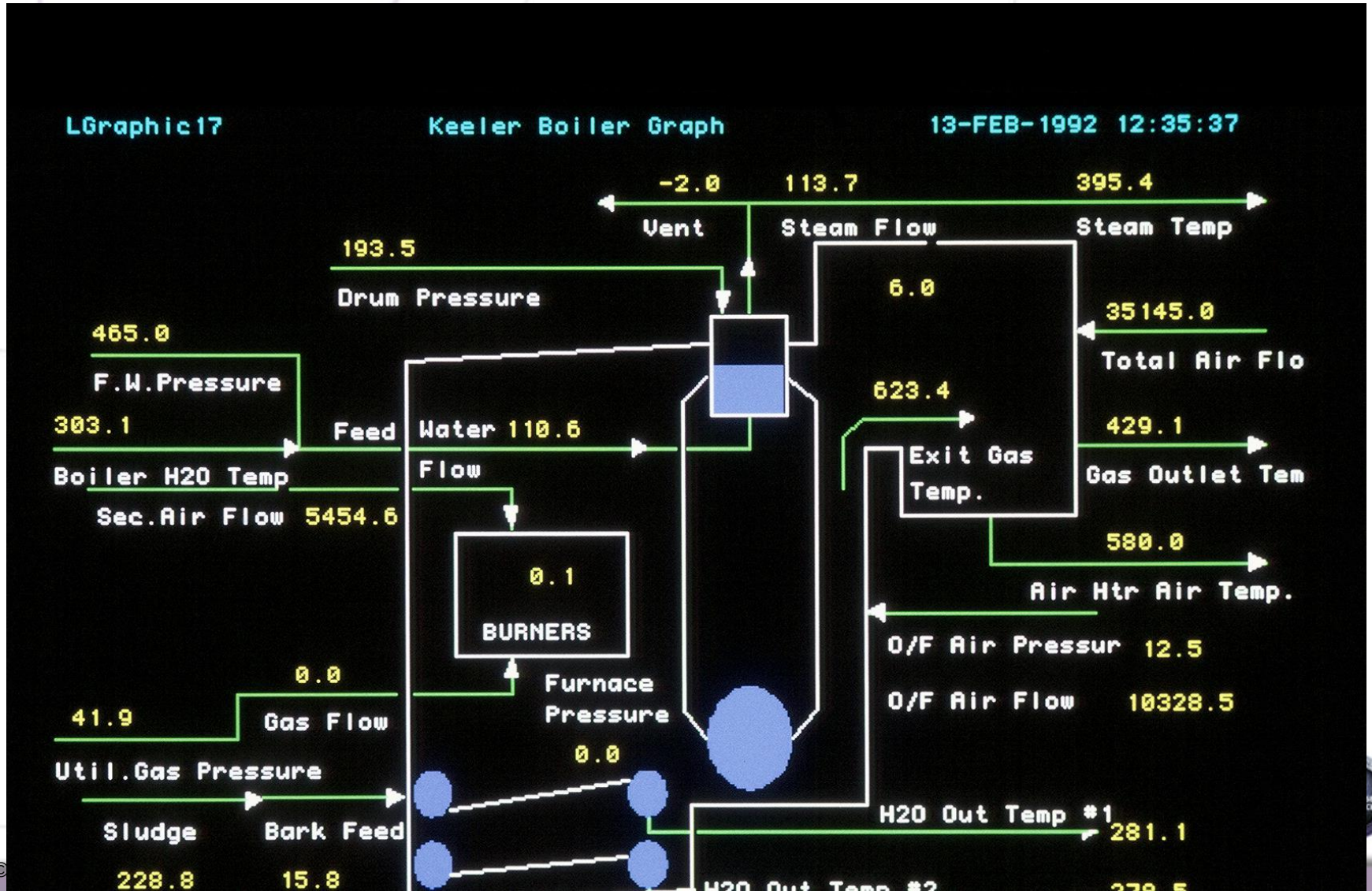
Horizontal Trend Expanded



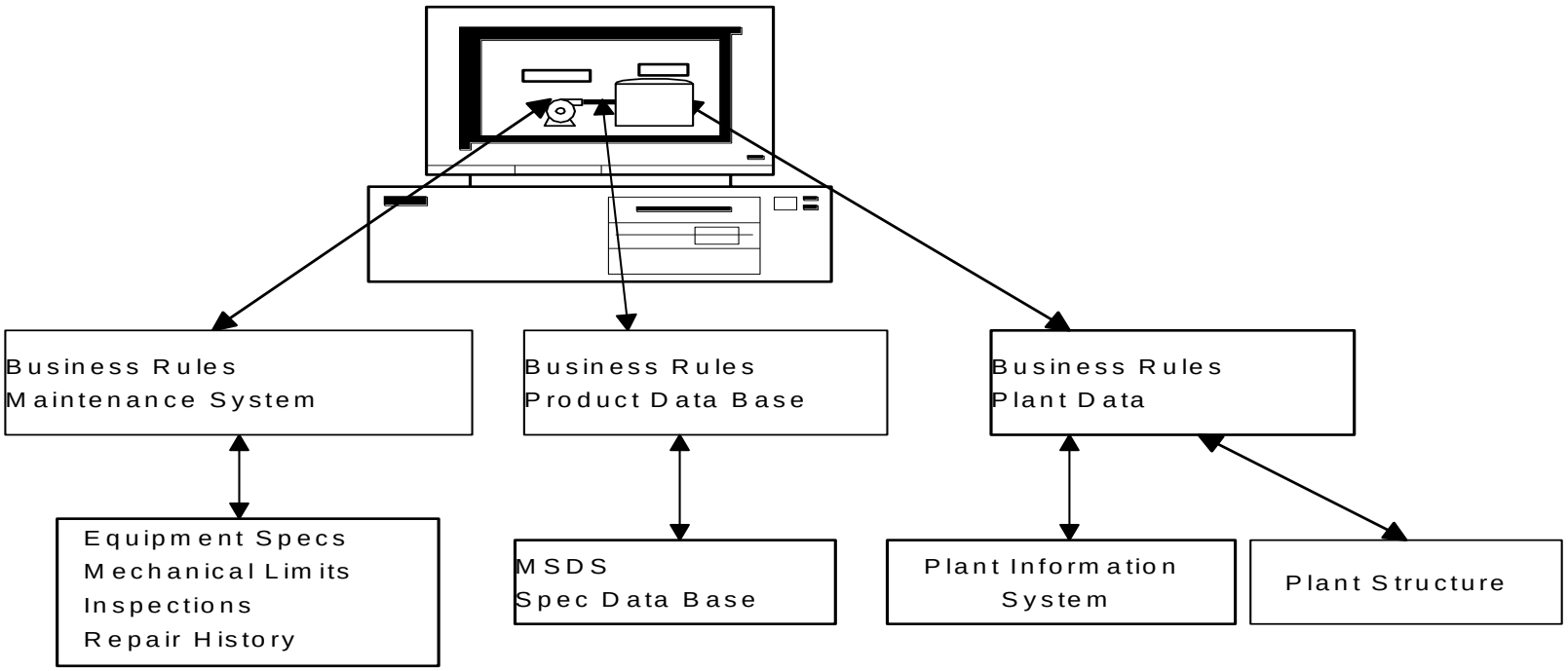
Horizontal Trend



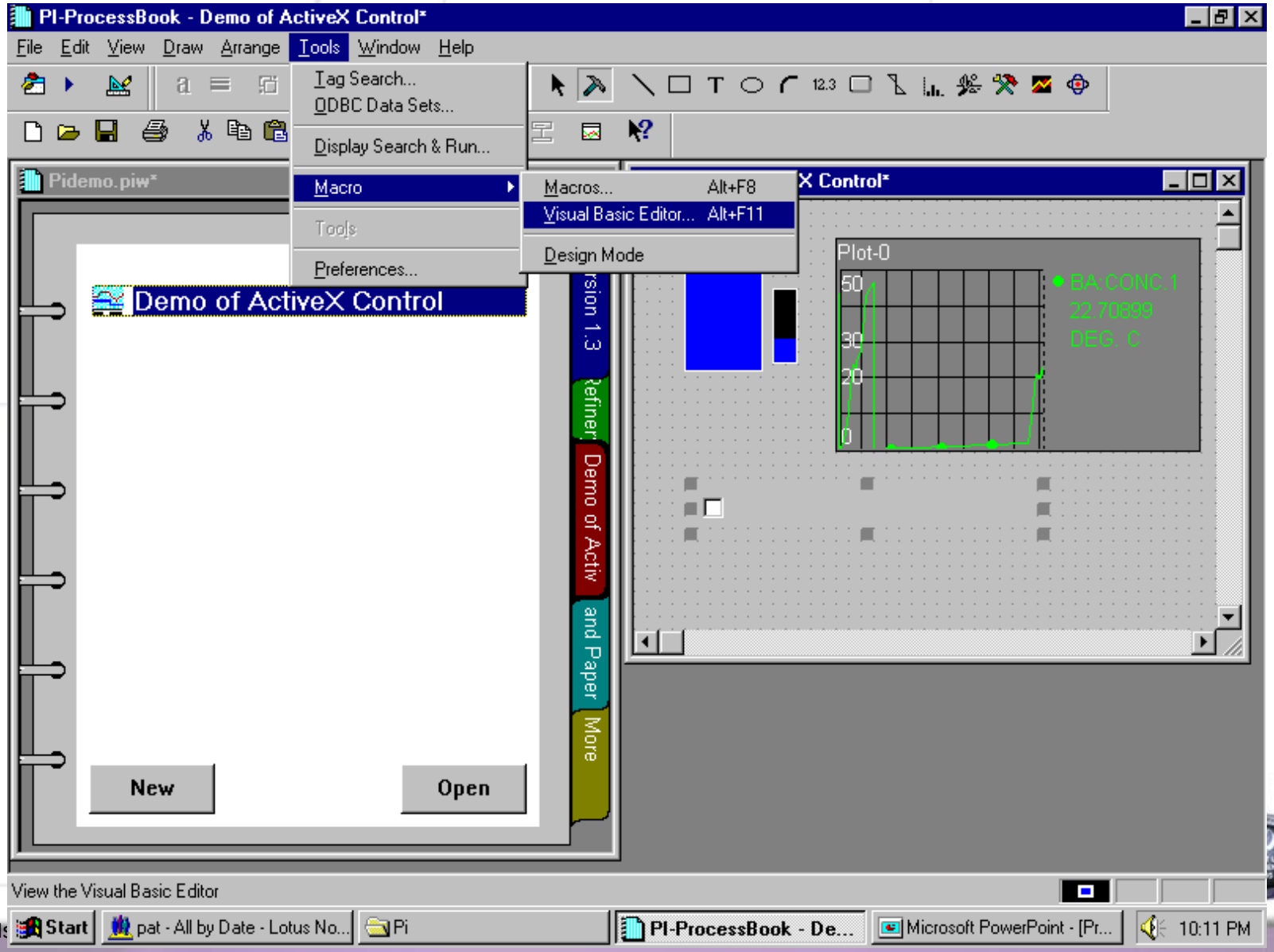
Graphics


LGraphic17
Keeler Boiler Graph
13-FEB-1992 12:35:37
-2.0
Vent
113.7
Steam Flow
395.4
Steam Temp
193.5
Drum Pressure
6.0
465.0
F.W.Pressure
35145.0
Total Air Flo
623.4
303.1
Feed Water 110.6
Flow
429.1
Boiler H2O Temp
Exit Gas
Temp.
Gas Outlet Tem
Sec.Air Flow 5454.6
580.0
0.1
BURNERS
Air Htr Air Temp.
O/F Air Pressur 12.5
0.0
Furnace
Pressure
O/F Air Flow 10328.5
41.9
Gas Flow
0.0
Util.Gas Pressure
H2O Out Temp #1
281.1
Sludge
Bark Feed
228.8
15.8

Component Desktop



Control Container/VBA



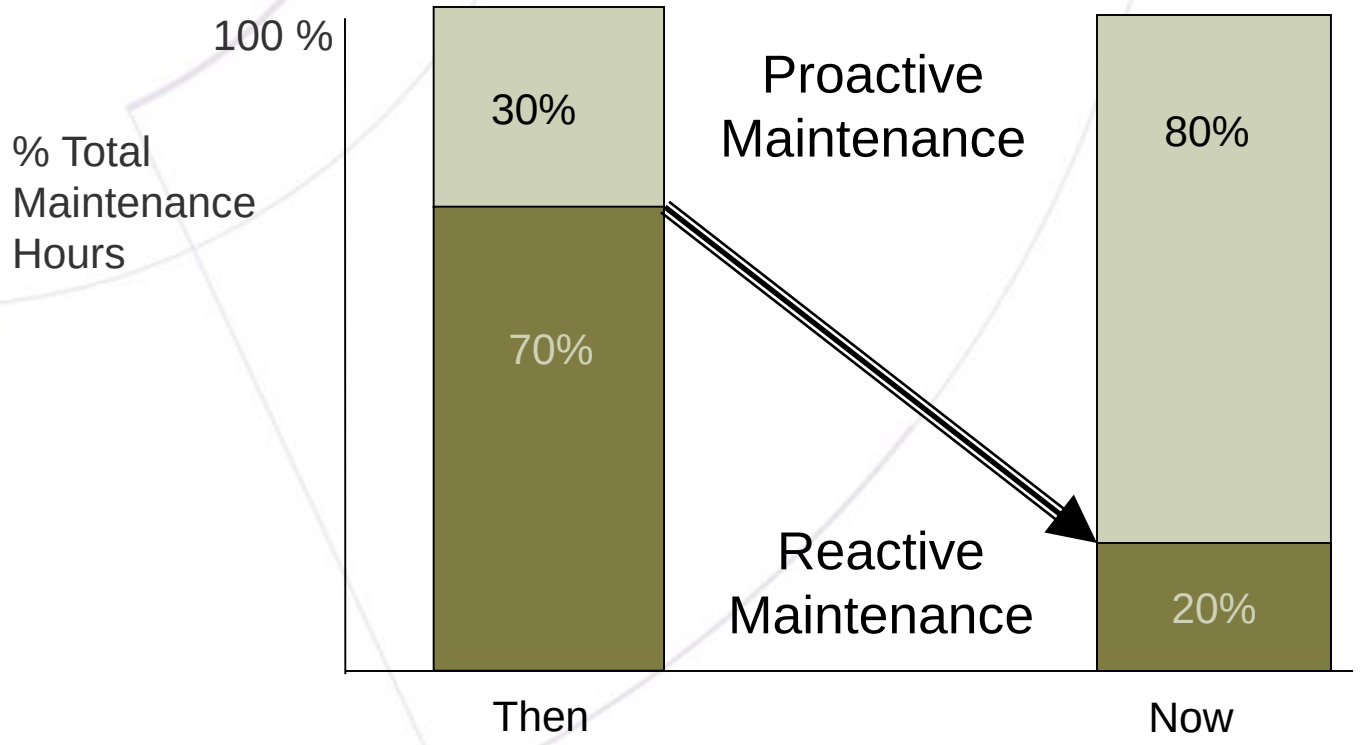
© 2005 OSIs

Results

- Codelco
  - 6 Sites
  - Government Co
  - PI/Microsoft/Networks
- Seminar
  - Water Usage
  - Environmental
  - Mine to Market

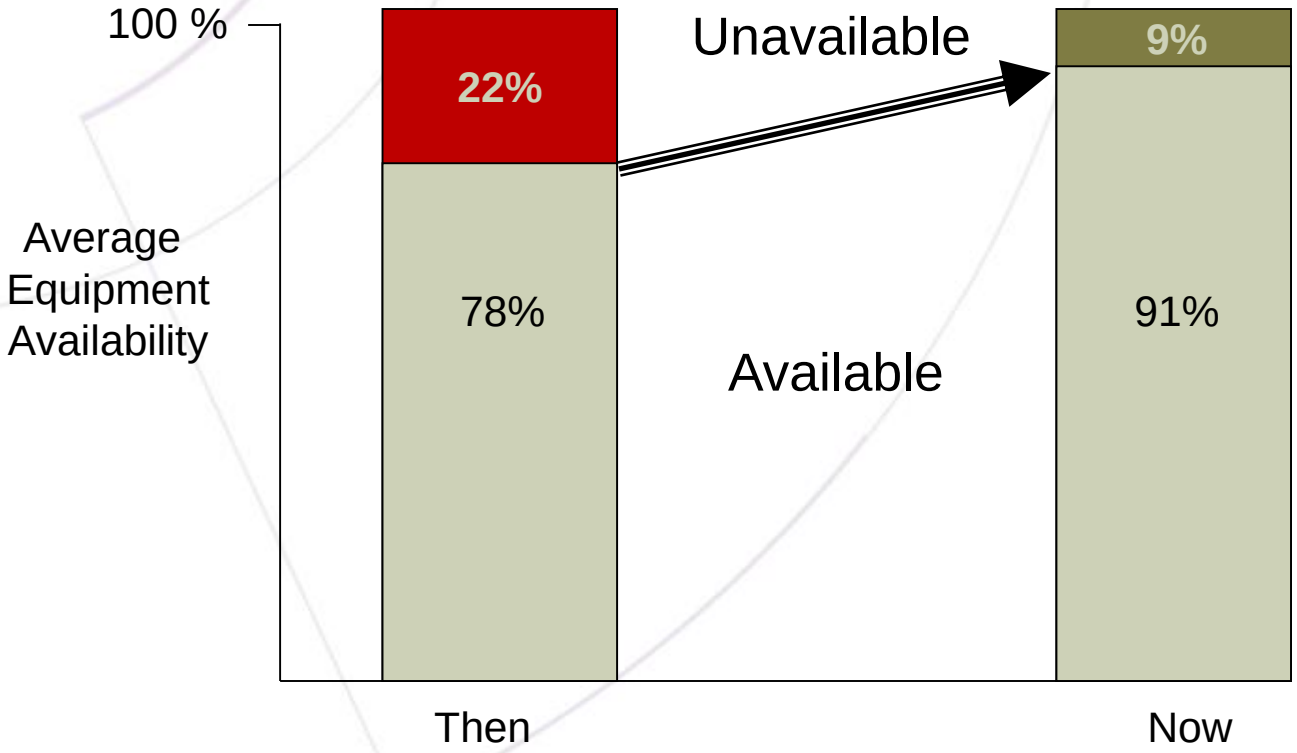
© 2005 OSIsoft, Inc. – Company Confidential

Results – Before and After



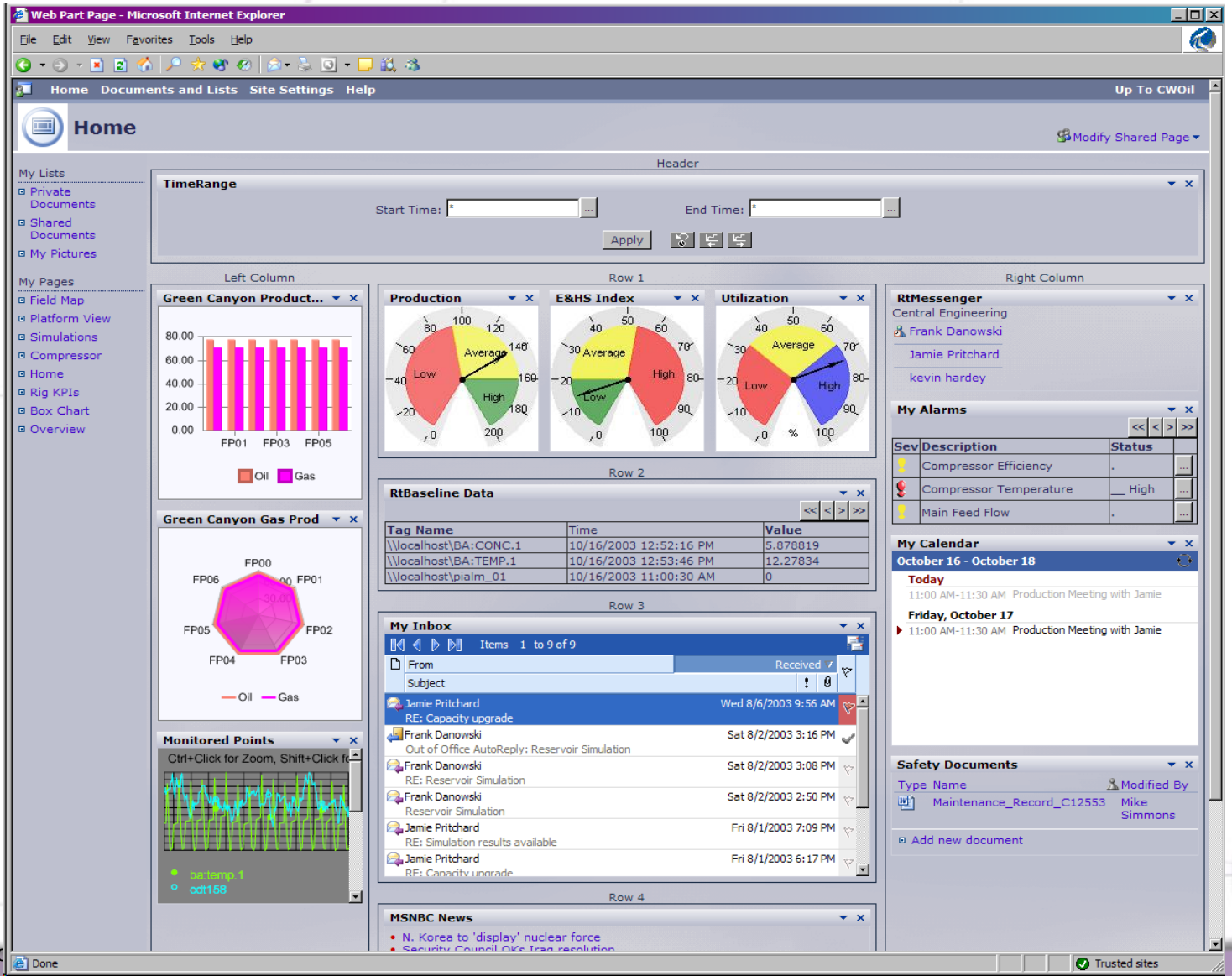
© 2005 OSIsoft, Inc. – Company Confidential

The Economics

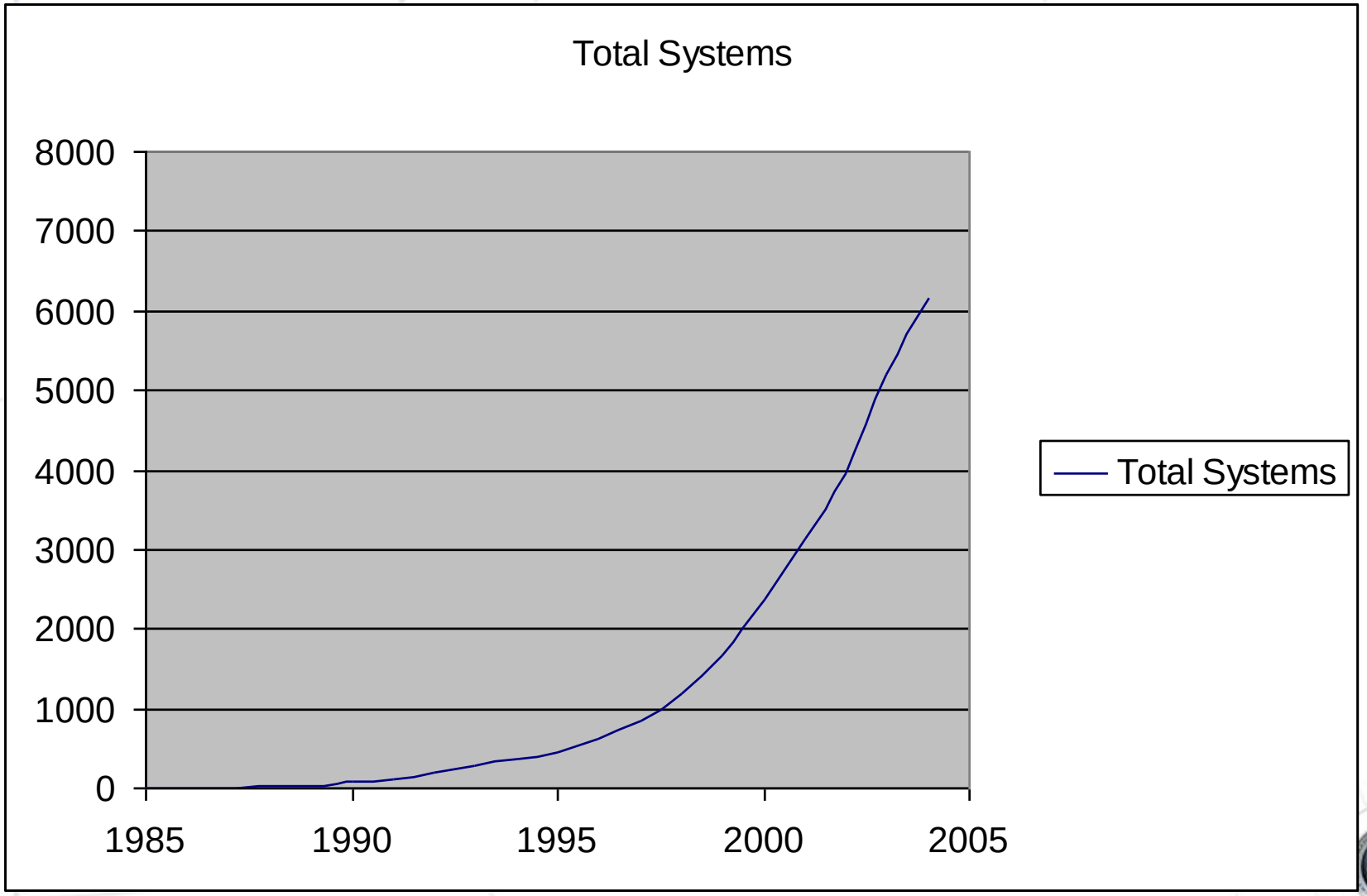


© 2005 OSIsoft, Inc. – Company Confidential

Web View - SharePoint



© 2005 OSIsc



© 2005 OSIsoft, Inc. – Company Confidential

Enterprise Systems

- Licenses
  - Interfaces (no limit)
  - Tags (no limit)
  - Servers (no limit)
  - Desktops (no limit)
  - Web (no limit)

© 2005 OSIsoft, Inc. – Company Confidential

Enterprise Service

- Architect
- OSIsoft Install/Configure
- Named Support
- Asset Monitoring
- UG/SIG Seats
- Extranet
- On Site Training

© 2005 OSIsoft, Inc. – Company Confidential

Enterprise Systems

- Vendor Support (development, test, consulting)
- Enterprise Vendor Contacts
- Security Monitoring/IDC
- Upgrade/Convert Existing Sites

© 2005 OSIsoft, Inc. – Company Confidential

Enterprise Vendors

- Auto-configured Unlimited Tags
- System Standard (not optional)
- All Systems (production, mirror, dmz, test, development, incident, analysis, etc.)
- Foundation License
- Price f(vendor price)
- VAR

© 2005 OSIsoft, Inc. – Company Confidential

Conference Sponsors

© 2005 OSIsoft, Inc. – Company Confidential

Exhibitors Sponsors

© 2005 OSIsoft, Inc. – Company Confidential