

REAL-TIME PERFORMANCE MANAGEMENT FOR THE ENTERPRISE

RtPM



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

UG

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



HIRI



HIRI Control Room



Vertical Trend Builder

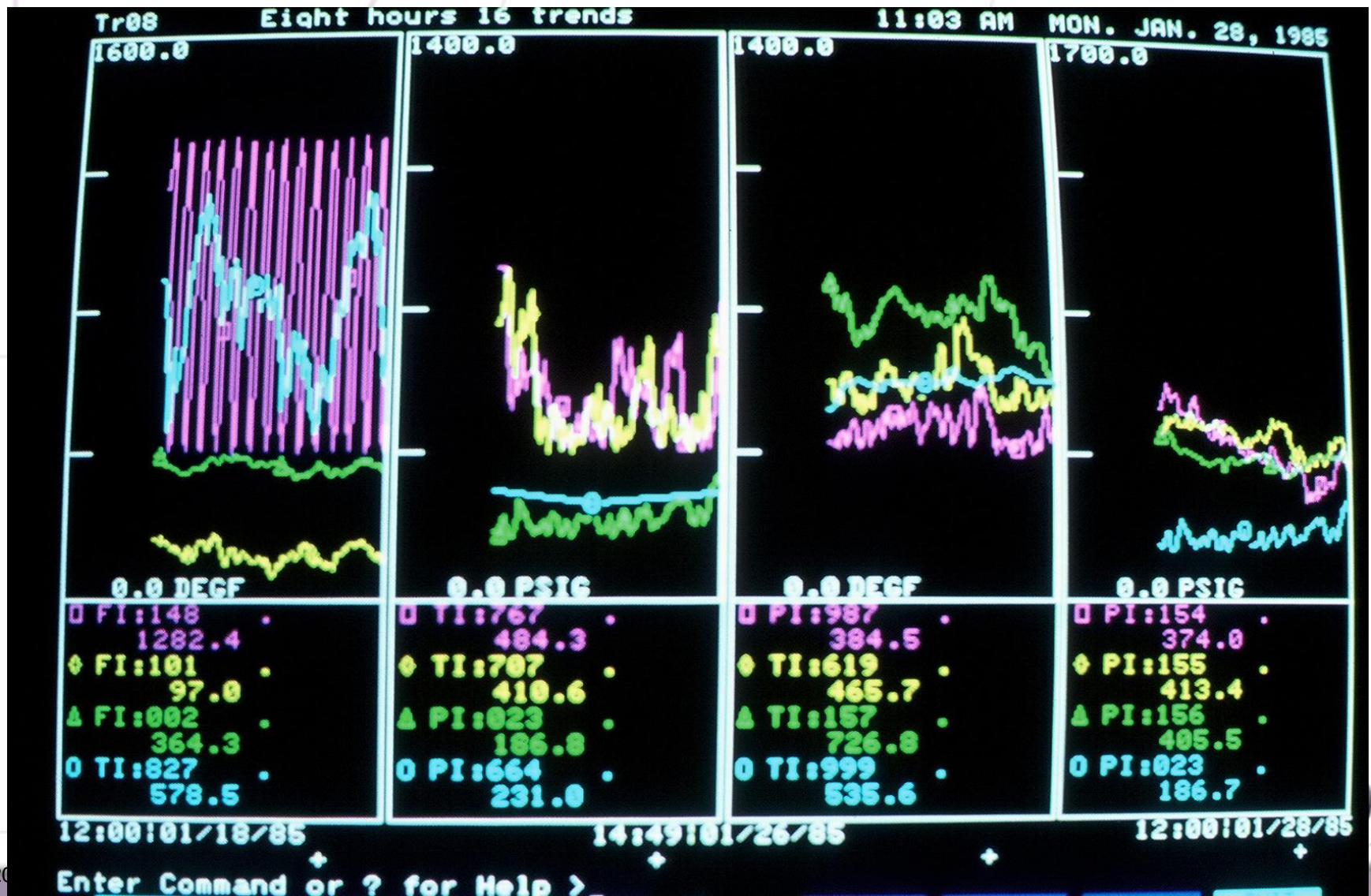
iPAT - VERTICAL TREND DISPLAY BUILDER 11:26 AM SUN. MAR. 31, 1985

Name: Description:

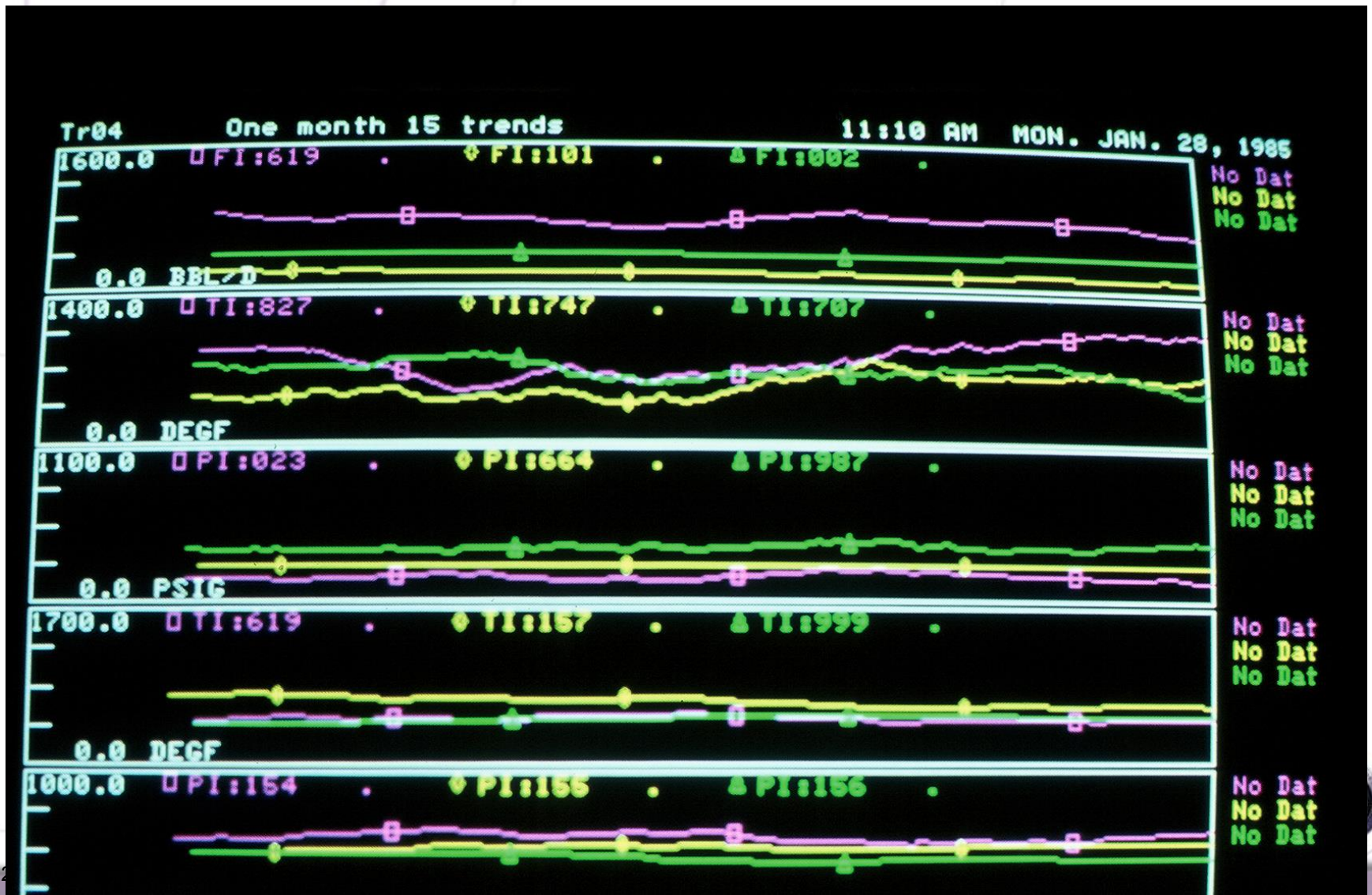
WI #	Tag Name 1	Tag Name 2	Tag Name 3	Tag Name 4	Limits	
					Upper	Lower
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	100	<input type="text"/>
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	100	<input type="text"/>
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	100	<input type="text"/>
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	100	<input type="text"/>

TIME SCALE >> Left: -1200:00 Right:

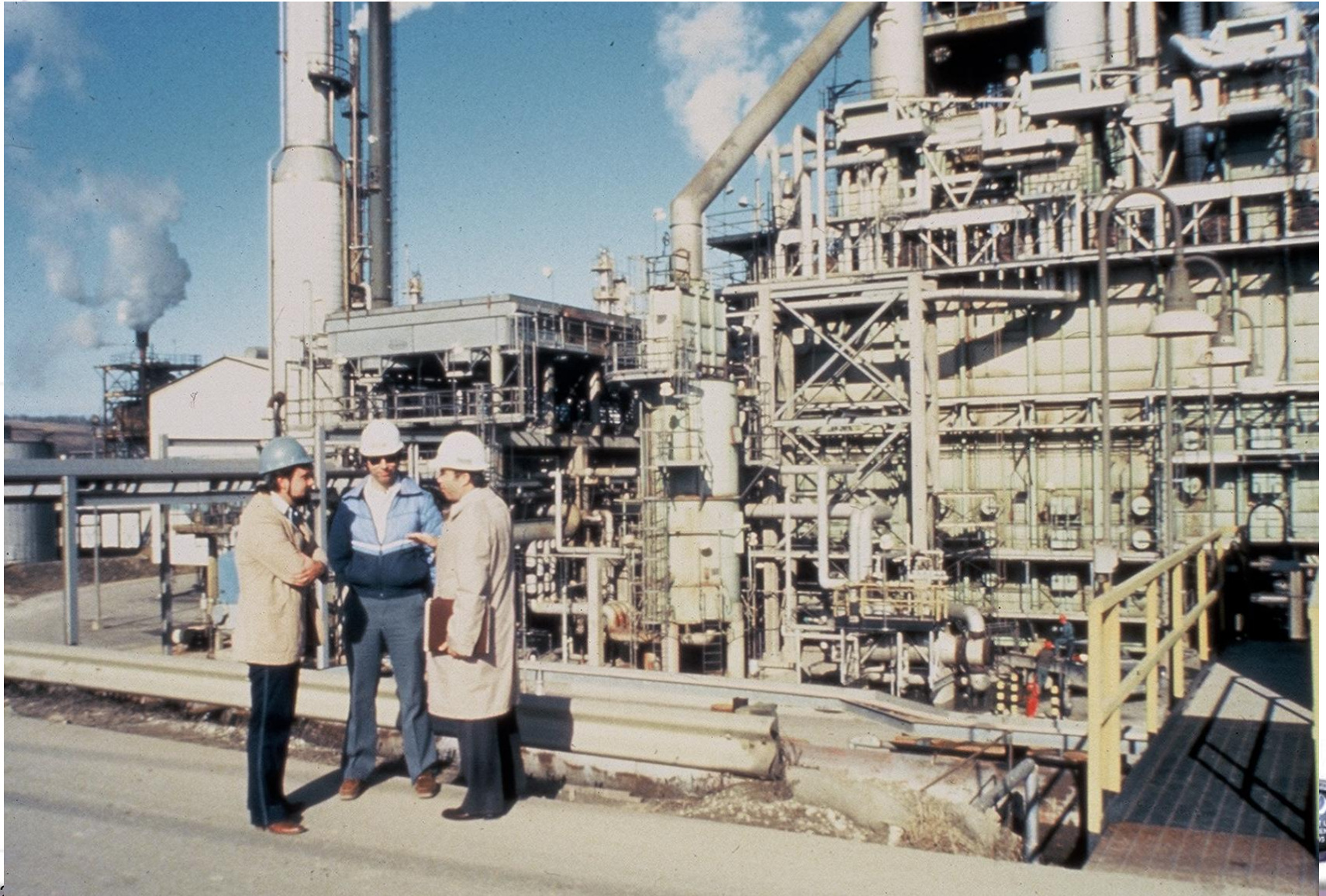
Vertical Trend



Horizontal Trend



Ashland Oil

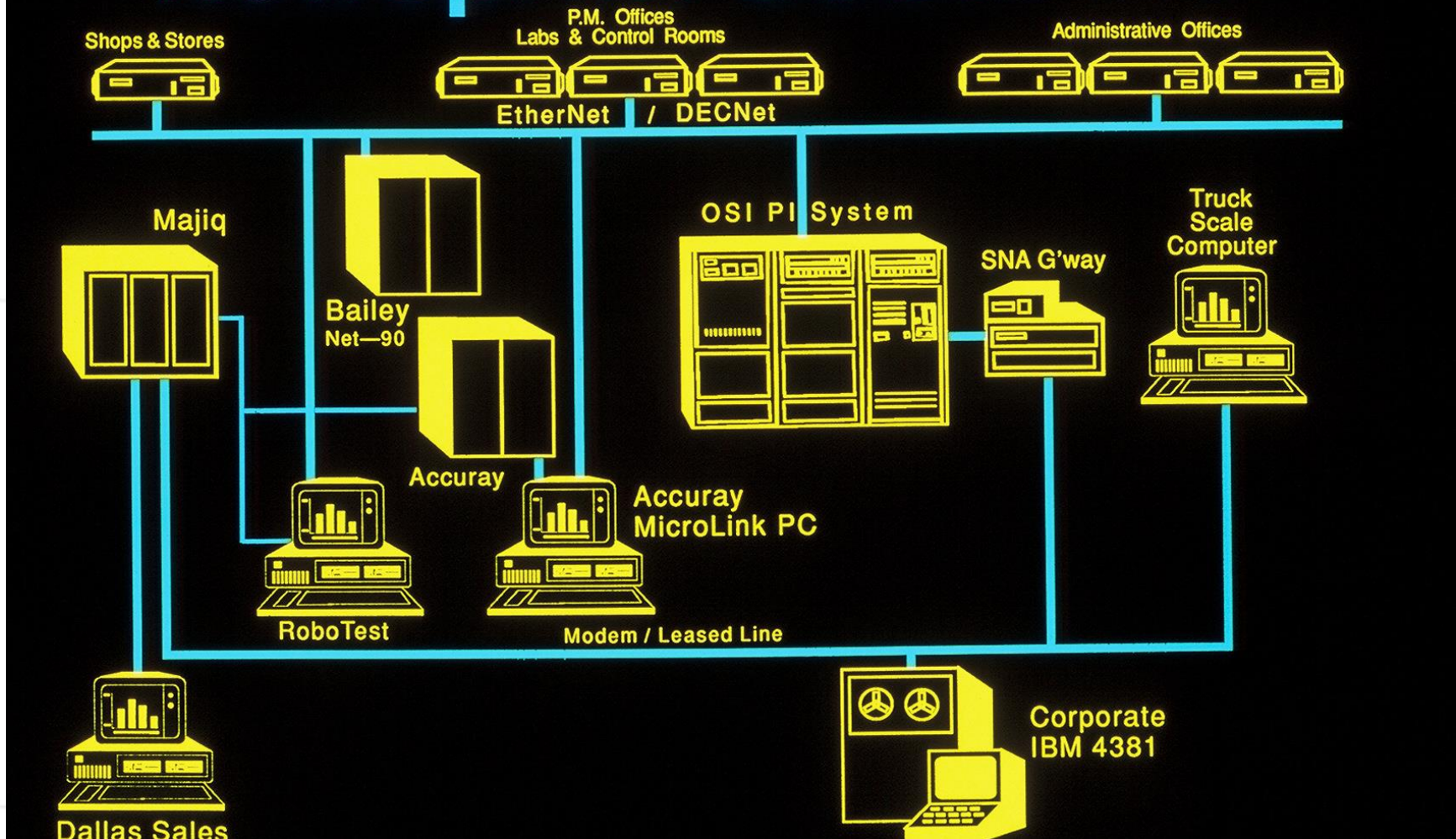


Newsprint South



Newsprint South

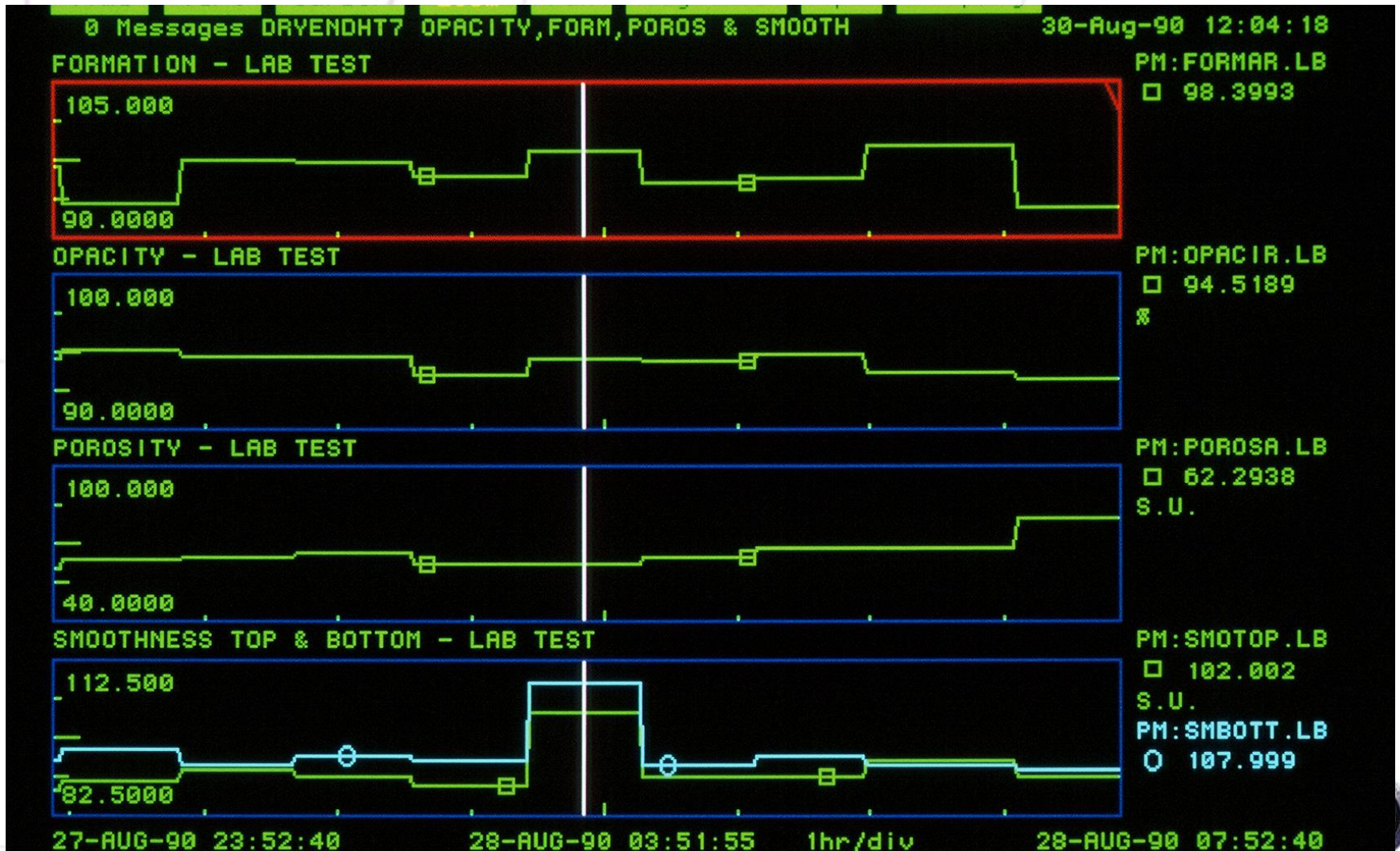
Newsprint South Inc.



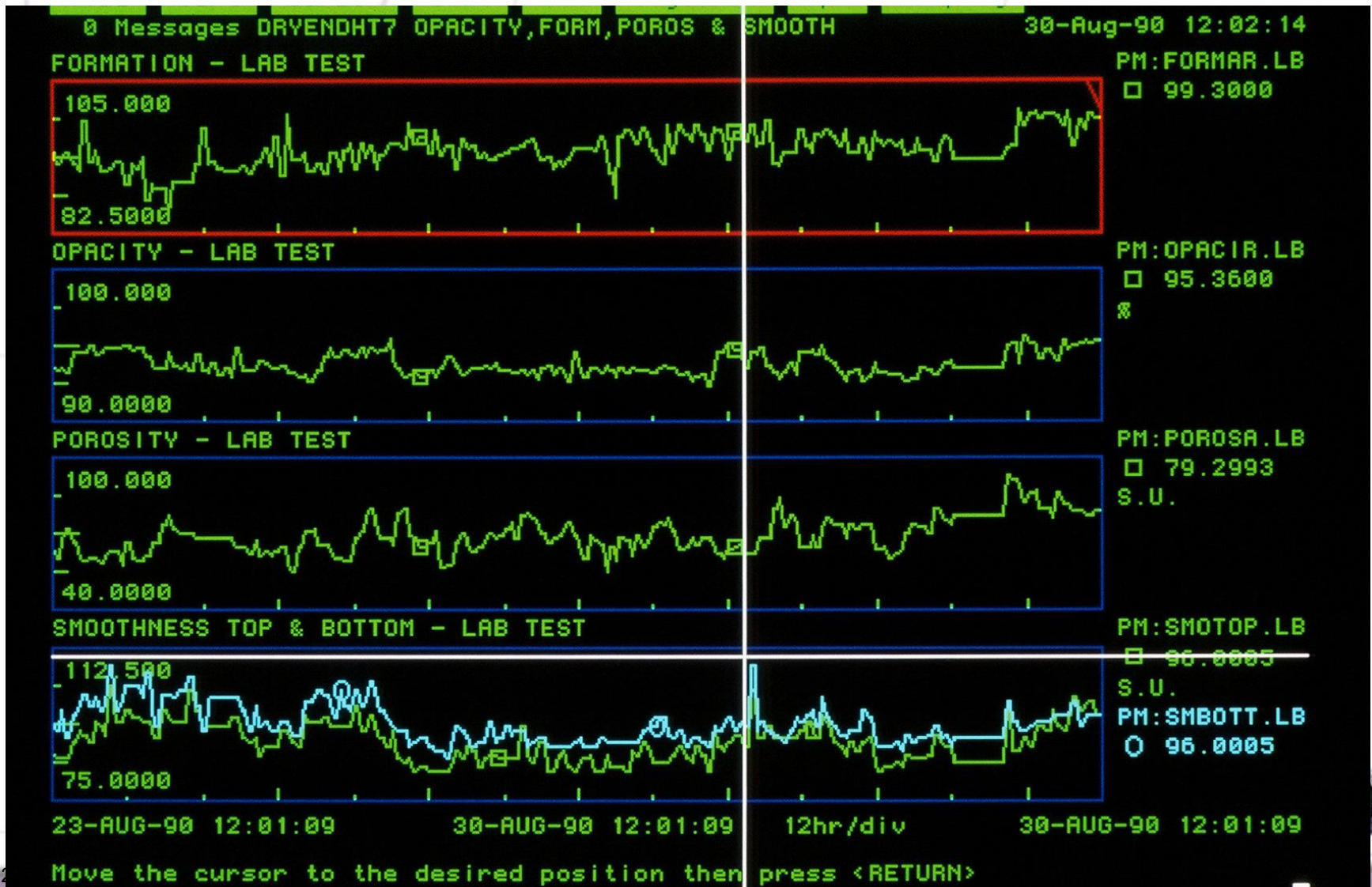
Control Room



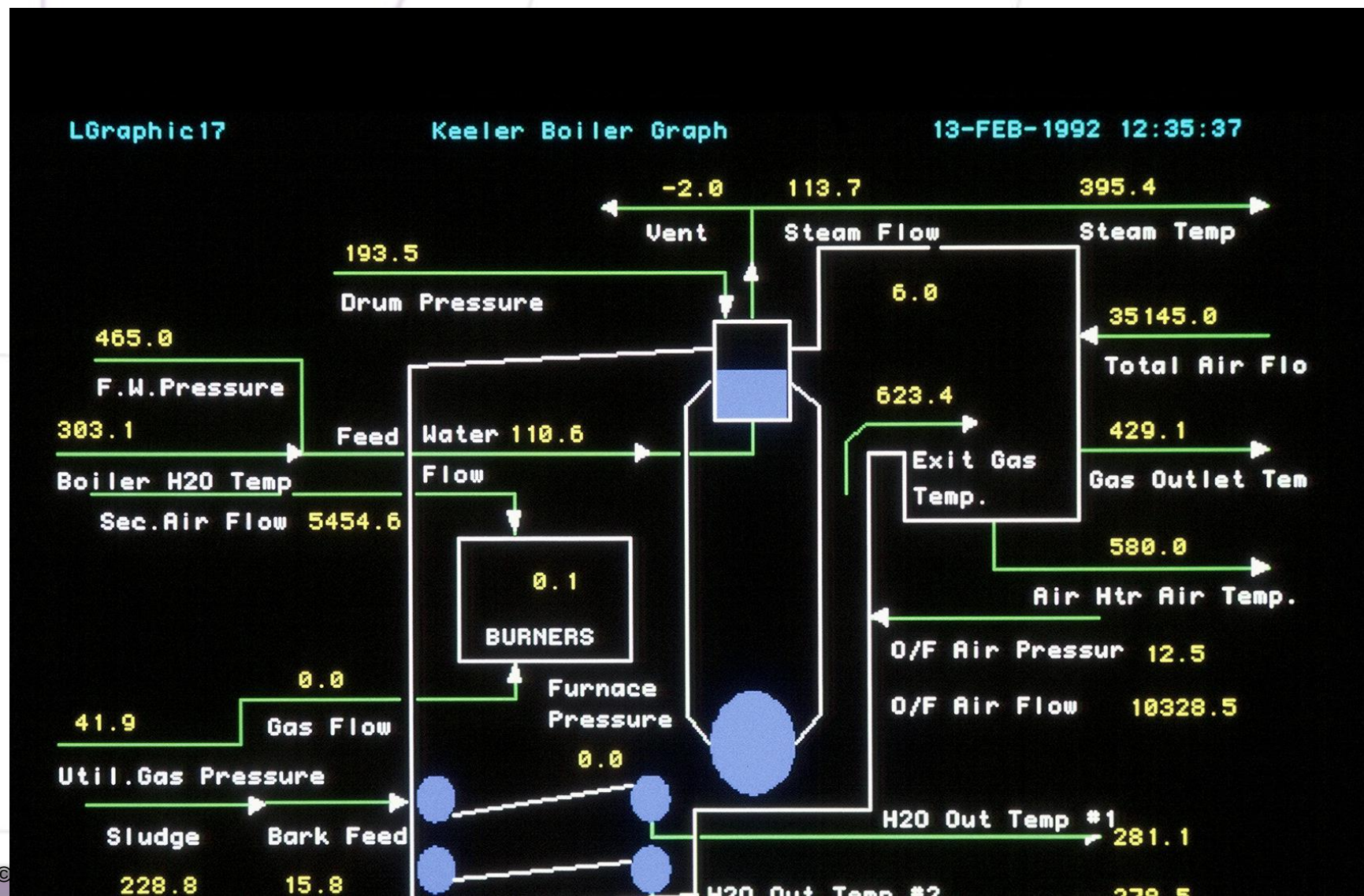
Horizontal Trend Expanded



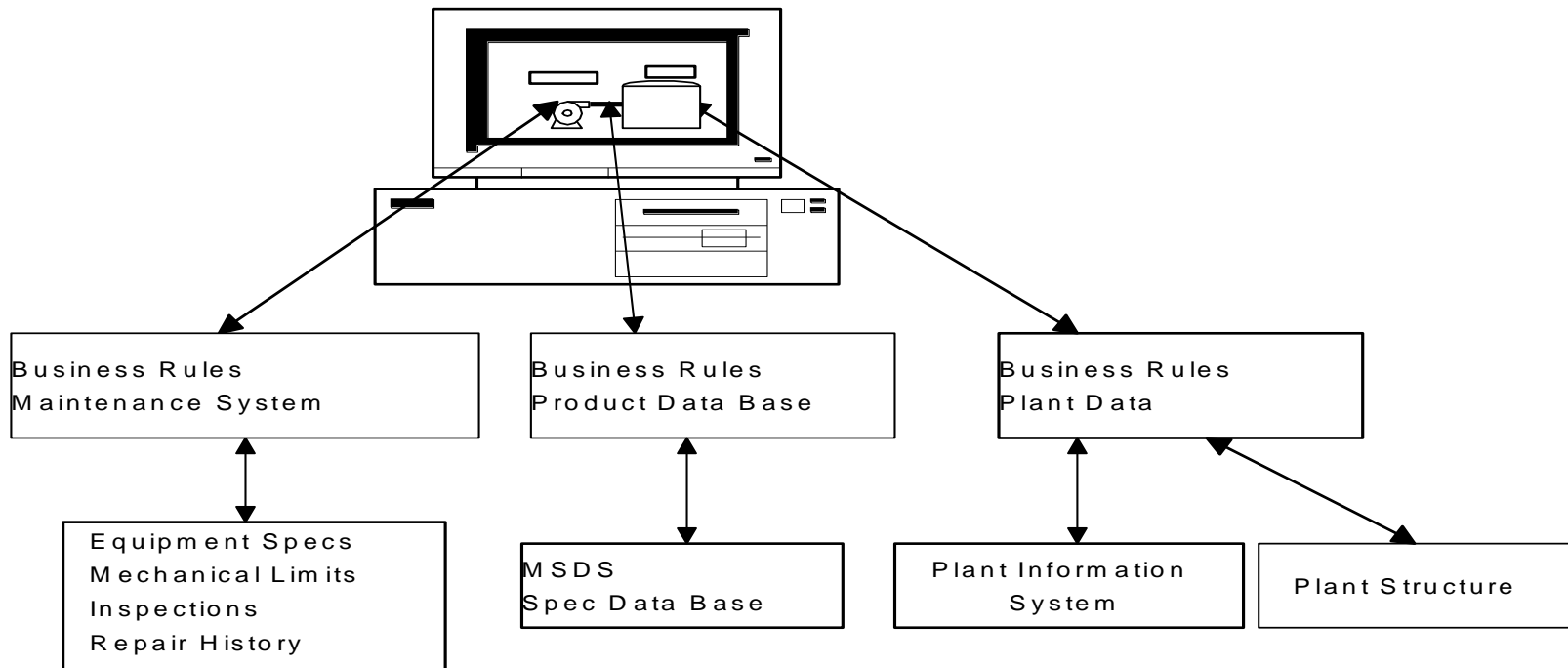
Horizontal Trend



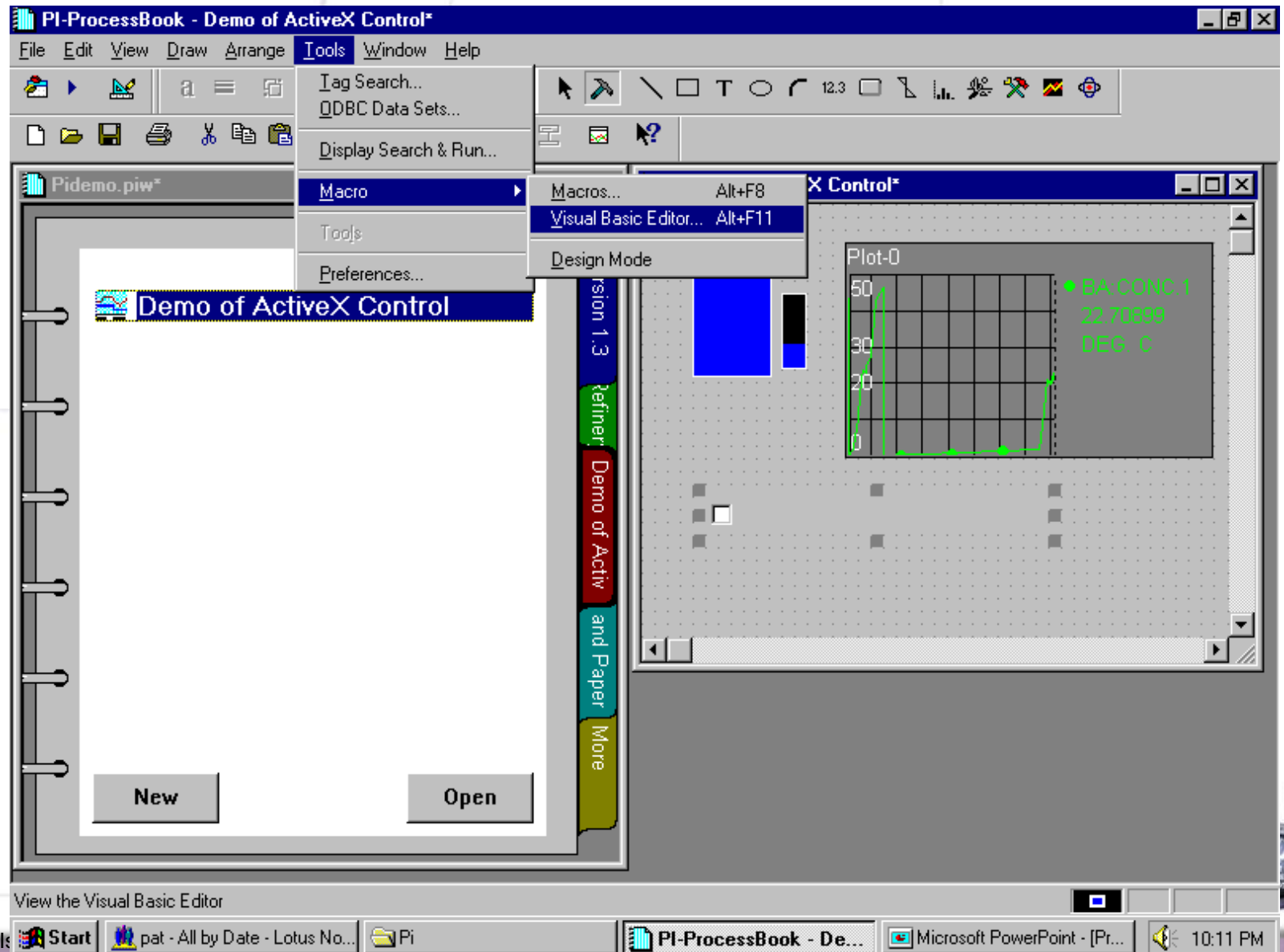
Graphics



Component Desktop



Control Container/VBA

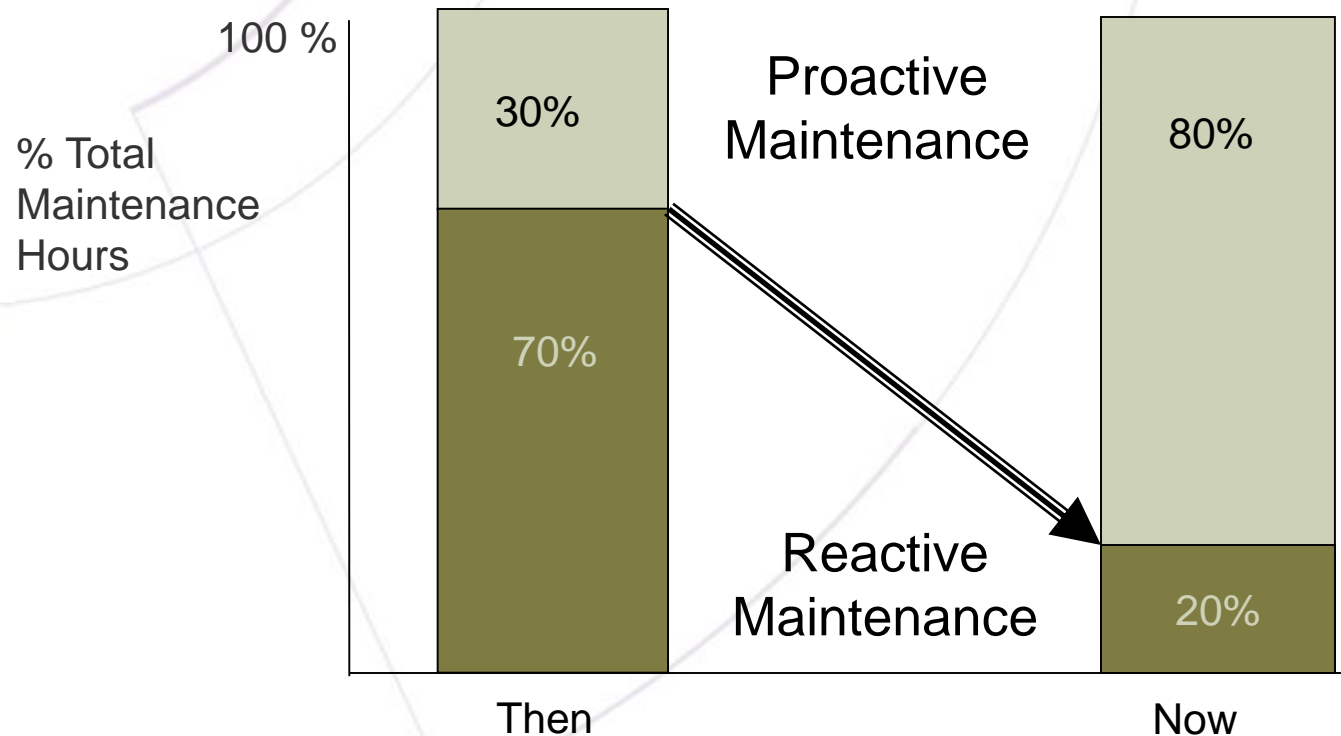


Results

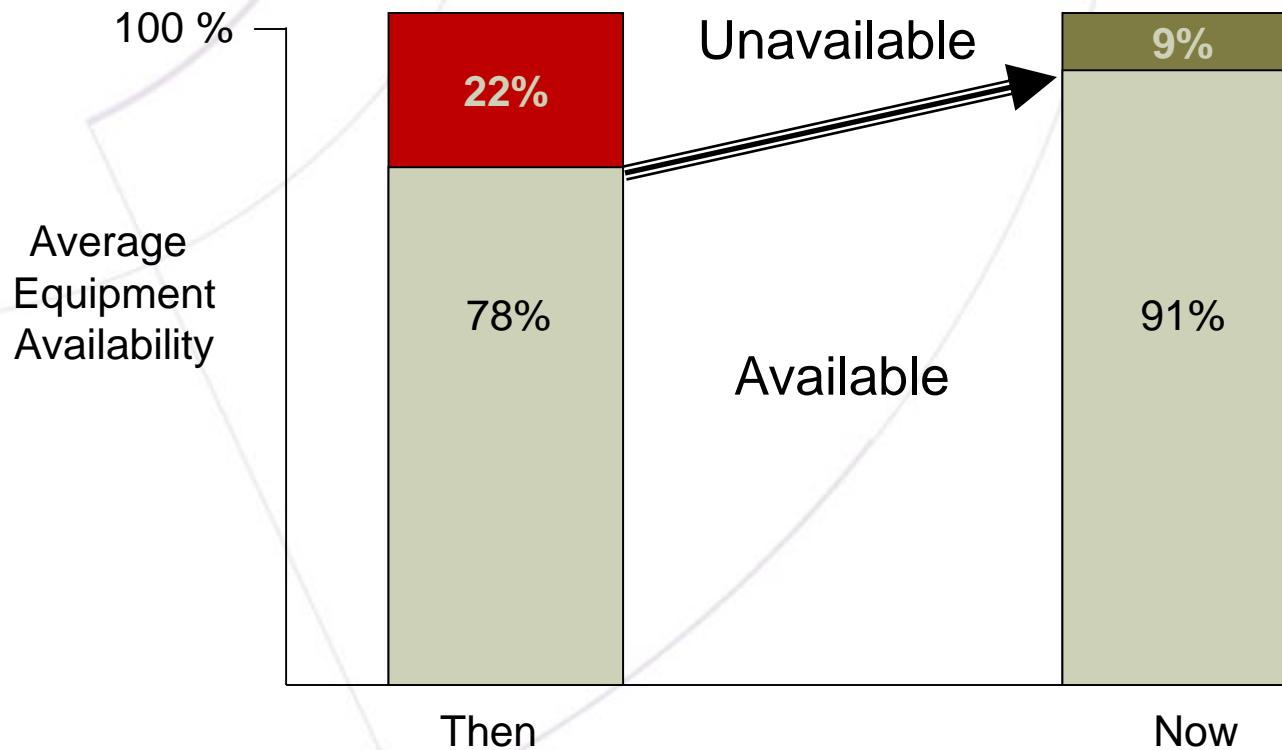
- Codelco
 - 6 Sites
 - Government Co
 - PI/Microsoft/Networks
- Seminar
 - Water Usage
 - Environmental
 - Mine to Market



Results – Before and After



The Economics



Web View - SharePoint

Web Part Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Home Documents and Lists Site Settings Help

Up To CWOil

Modify Shared Page

Home

My Lists

- Private Documents
- Shared Documents
- My Pictures

My Pages

- Field Map
- Platform View
- Simulations
- Compressor
- Home
- Rig KPIs
- Box Chart
- Overview

TimeRange

Start Time: End Time: Apply

Left Column

Green Canyon Product...

Green Canyon Gas Prod

Monitored Points

Ctrl+Click for Zoom, Shift+Click for Pan

Row 1

Production

E&HS Index

Utilization

Row 2

RtBaseline Data

Tag Name	Time	Value
\\localhost\BA:CONC.1	10/16/2003 12:52:16 PM	5.878819
\\localhost\BA:TEMP.1	10/16/2003 12:53:46 PM	12.27834
\\localhost\pialm_01	10/16/2003 11:00:30 AM	0

Row 3

My Inbox

Items 1 to 9 of 9

From	Subject	Received
Jamie Pritchard	RE: Capacity upgrade	Wed 8/6/2003 9:56 AM
Frank Danowski	Out of Office AutoReply: Reservoir Simulation	Sat 8/2/2003 3:16 PM
Frank Danowski	RE: Reservoir Simulation	Sat 8/2/2003 3:08 PM
Frank Danowski	Reservoir Simulation	Sat 8/2/2003 2:50 PM
Jamie Pritchard	RE: Simulation results available	Fri 8/1/2003 7:09 PM
Jamie Pritchard	RE: Capacity upgrade	Fri 8/1/2003 6:17 PM

Row 4

MSNBC News

- N. Korea to 'display' nuclear force
- Security Council OKs Iran resolution

Right Column

RtMessenger

Central Engineering

Frank Danowski

Jamie Pritchard

kevin hardey

My Alarms

Sev	Description	Status
1	Compressor Efficiency	High
2	Compressor Temperature	High
3	Main Feed Flow	High

My Calendar

October 16 - October 18

Today

11:00 AM-11:30 AM Production Meeting with Jamie

Friday, October 17

11:00 AM-11:30 AM Production Meeting with Jamie

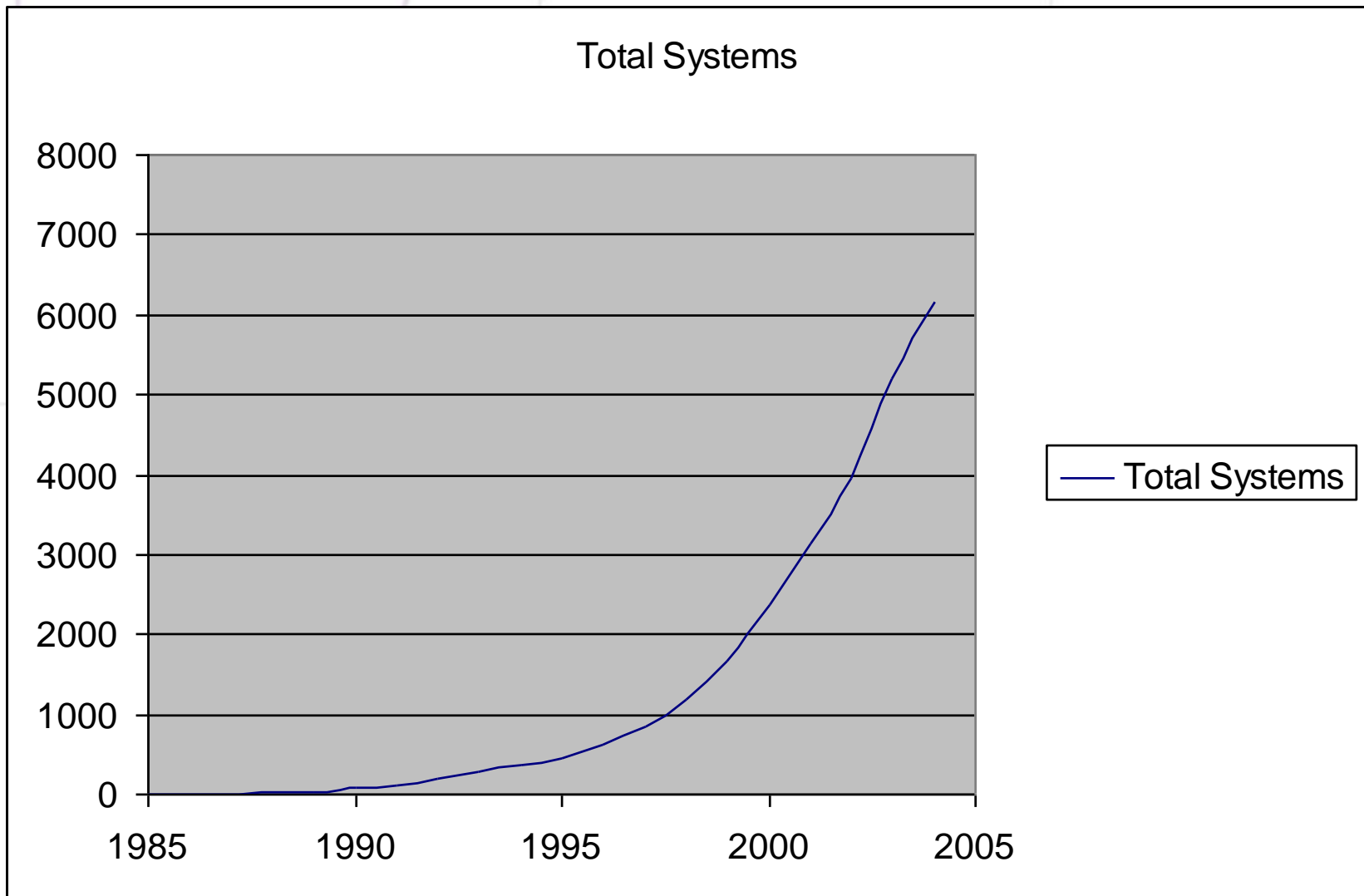
Safety Documents

Type	Name	Modified By
Document	Maintenance_Record_C12553	Mike Simmons

Add new document

Done

Trusted sites



Enterprise Systems

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



Enterprise Service

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



Enterprise Systems

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



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



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