

Update on Status and Directions

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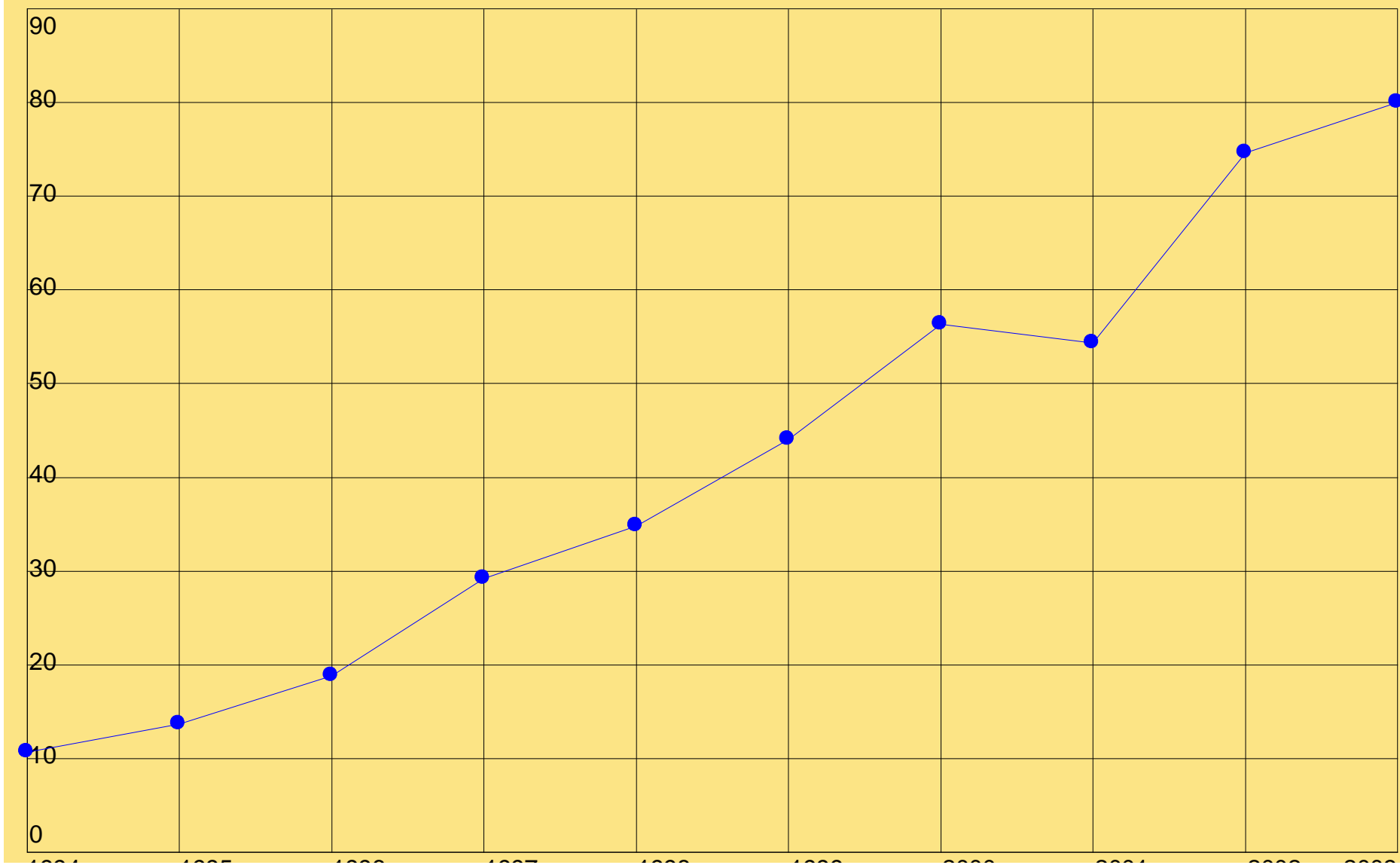


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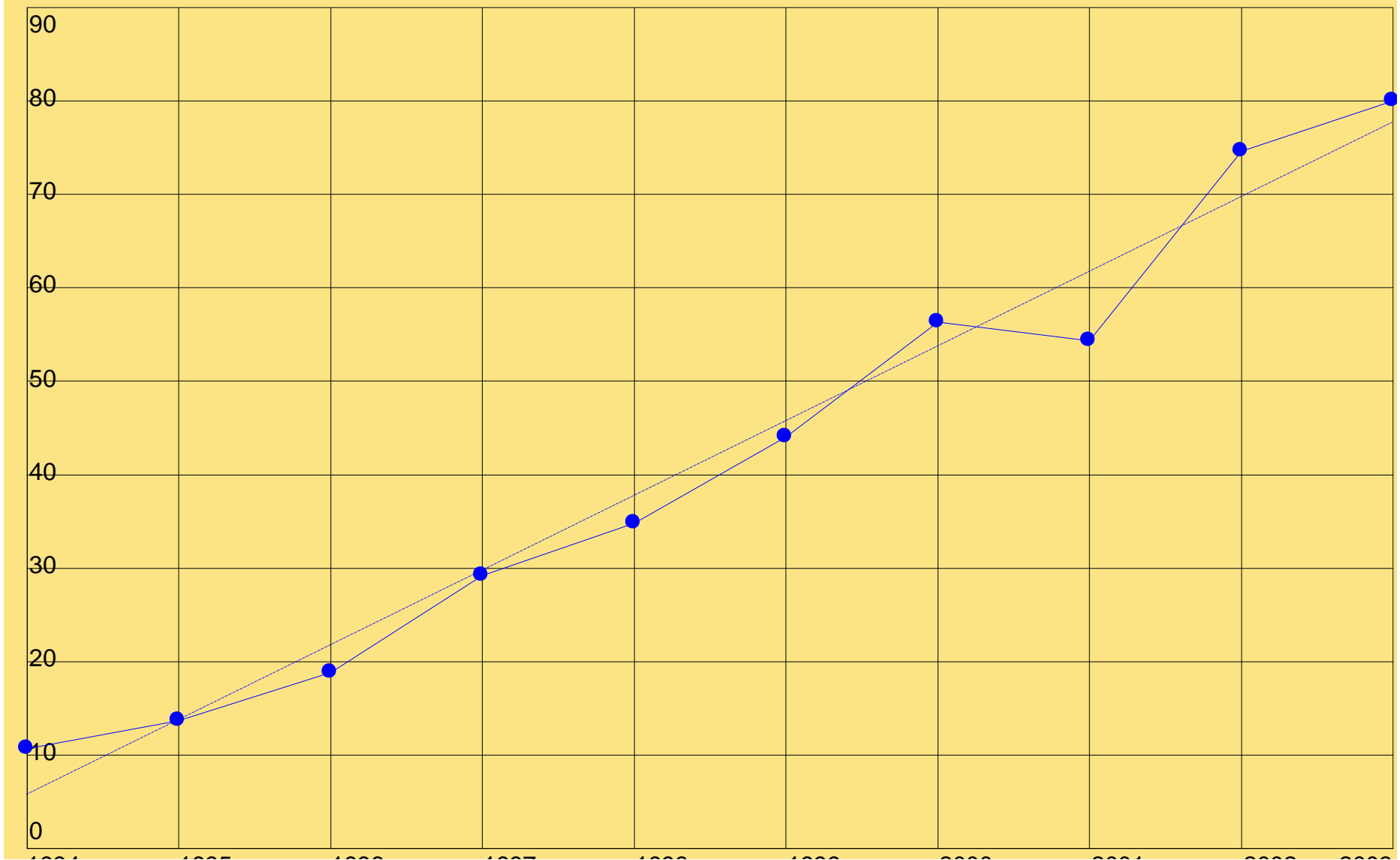
Product Releases

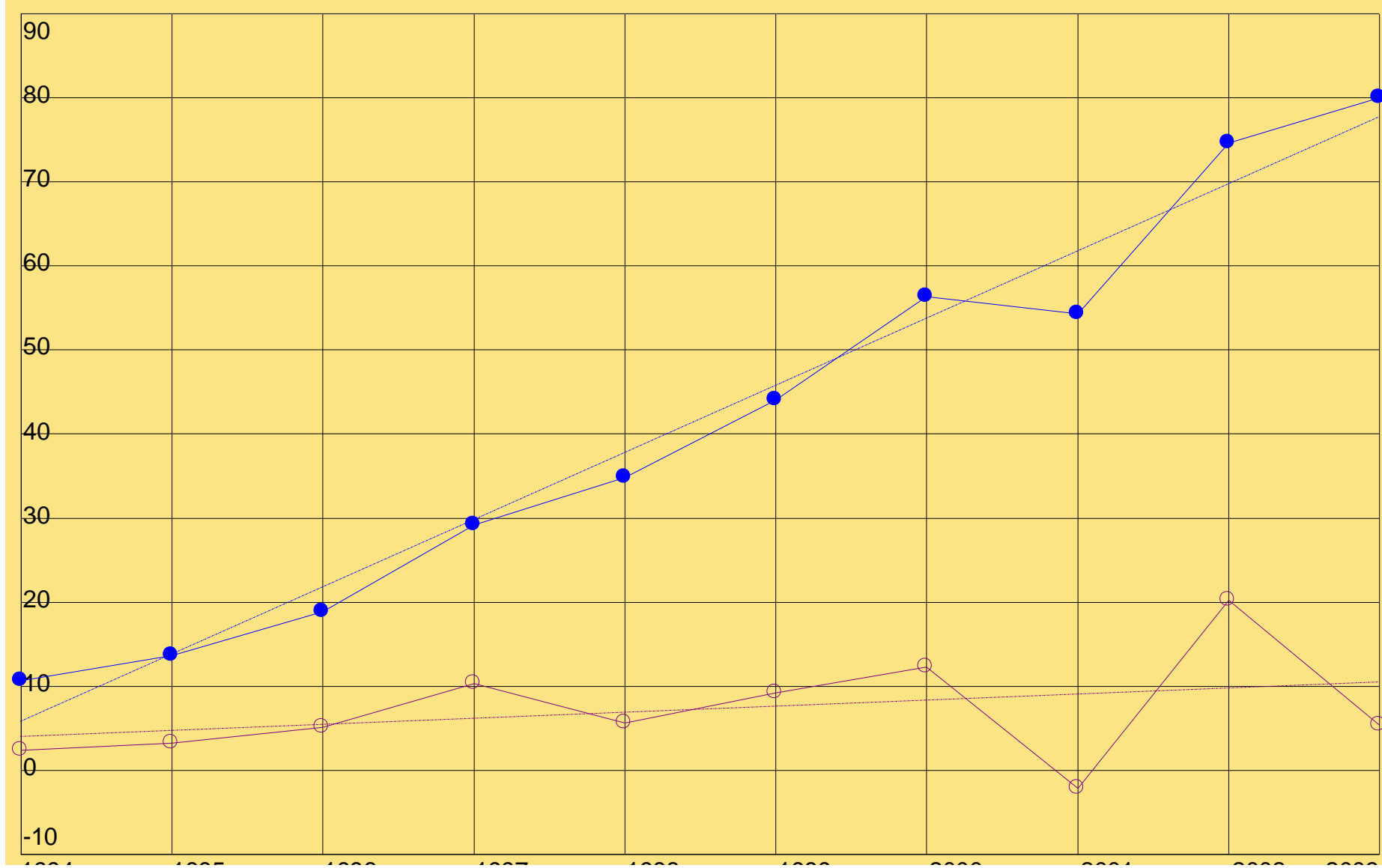
- *Upgrades*
 - *PI Server 3.4*
 - *PI DataLink 3.0*
 - *PI ICE 1.1 (release soon)*
 - *ProcessPoint 4.0*
- *New Products*
 - *RtReports (early adopter release)*
 - *Analysis Framework*
 - *OPC/HDA Server*
 - *RtAlerts (release soon)*



RtPM

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Internal Use of Technology

- Office SharePoint Portal System
- SIP Phones
- ITMonitor



100% Layers... ?

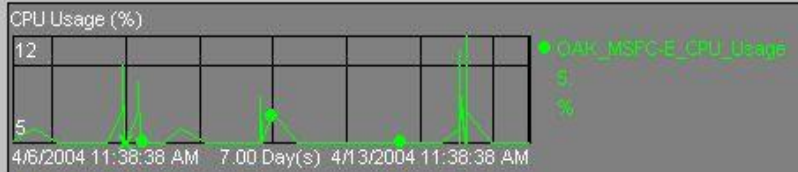
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Data Router

Uptime (days) 194.470



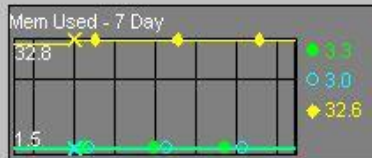
Free Memory (MB)

Processor Mem Free 51.1064
IO Mem Free 13.5260
PCI Mem Free 1.19801



Used Memory (MB)

Processor Mem Used 32.6010
IO Mem Used 3.25119
PCI Mem Used 2.99630



Voice Router

Uptime (days) 194.479



Free Memory (MB)

Processor Mem Free 47.8755
IO Mem Free 13.5261
PCI Mem Free 1.19801



Used Memory (MB)

Processor Mem Used 35.8319
IO Mem Used 3.25115
PCI Mem Used 2.99630



File Edit View Insert Tools Draw Arrange Window Help

100% Layers...

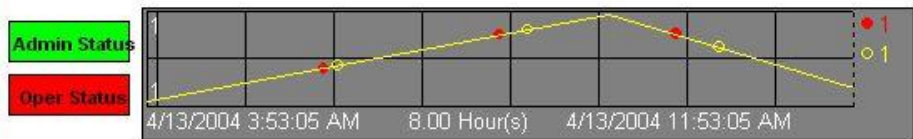
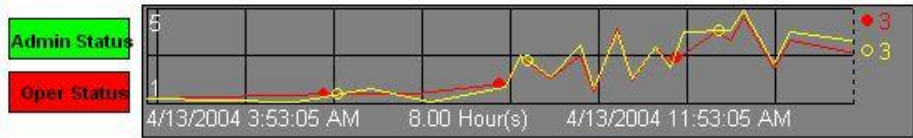
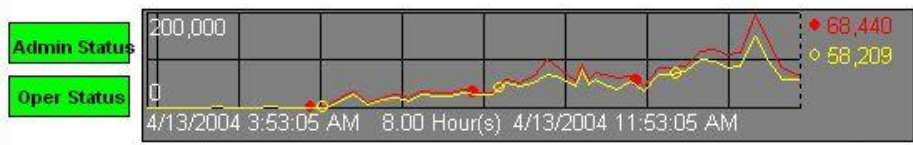
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IT Monitor San Leandro: Cisco 3600 Voice Router

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- Inbound Traffic (mbps)
- Outbound Traffic (mbps)

Router Uptime **61.5682** Days



Bearer Channel Status Idle Connecting Connected Active

T1 FROM MCI

34	Active	45	Idle
35	Active	46	Idle
36	Active	47	Idle
37	Active	48	Idle
38	Active	49	Active
39	Active	50	Idle
40	Active	51	Idle
41	Idle	52	Active
42	Idle	53	Active
43	Idle	54	Active
44	Idle	55	Idle
		56	Active

Expansion

- Personnel growth
- Office in China



Technology directions

- Web
- XML
- Service Oriented Architecture



Software Directions

Scalable, robust software gets more expensive to develop even as tools get better

- More requirements
- More distributed
- Higher expectations





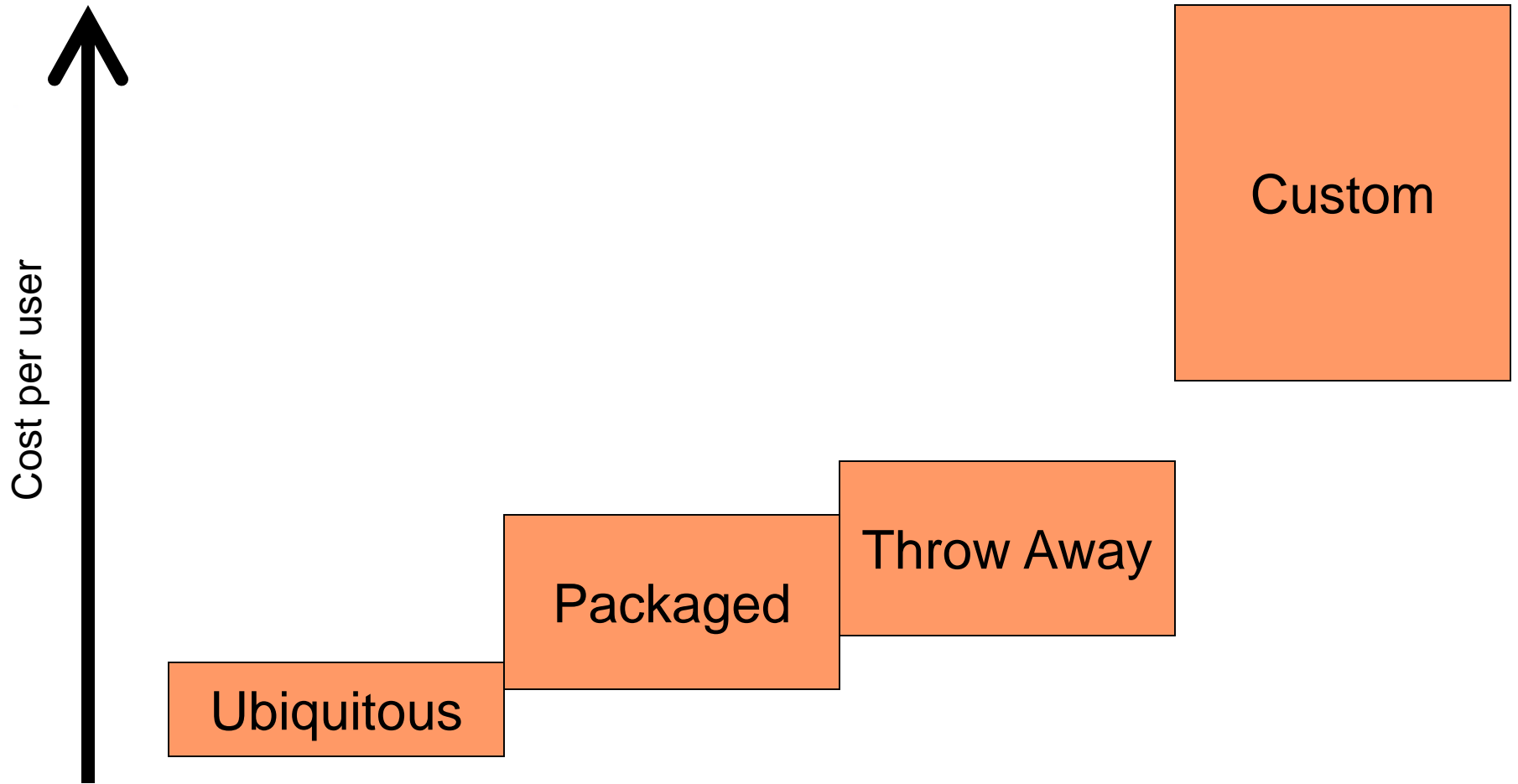
Systems Management Server
Microsoft Operations Manager
System Management Tools
Microsoft Team Manager
ACE Manager
Simple Network Management Protocol
PINet Manager
Print Manager
RT-SQC Alarm Manager
Windows Management Instrumentation
Update Manager
Content Management Server
Windows Task Manager
Process Templates Manager
SQL Server Enterprise Manager
Windows Utility Manager

Software Categories

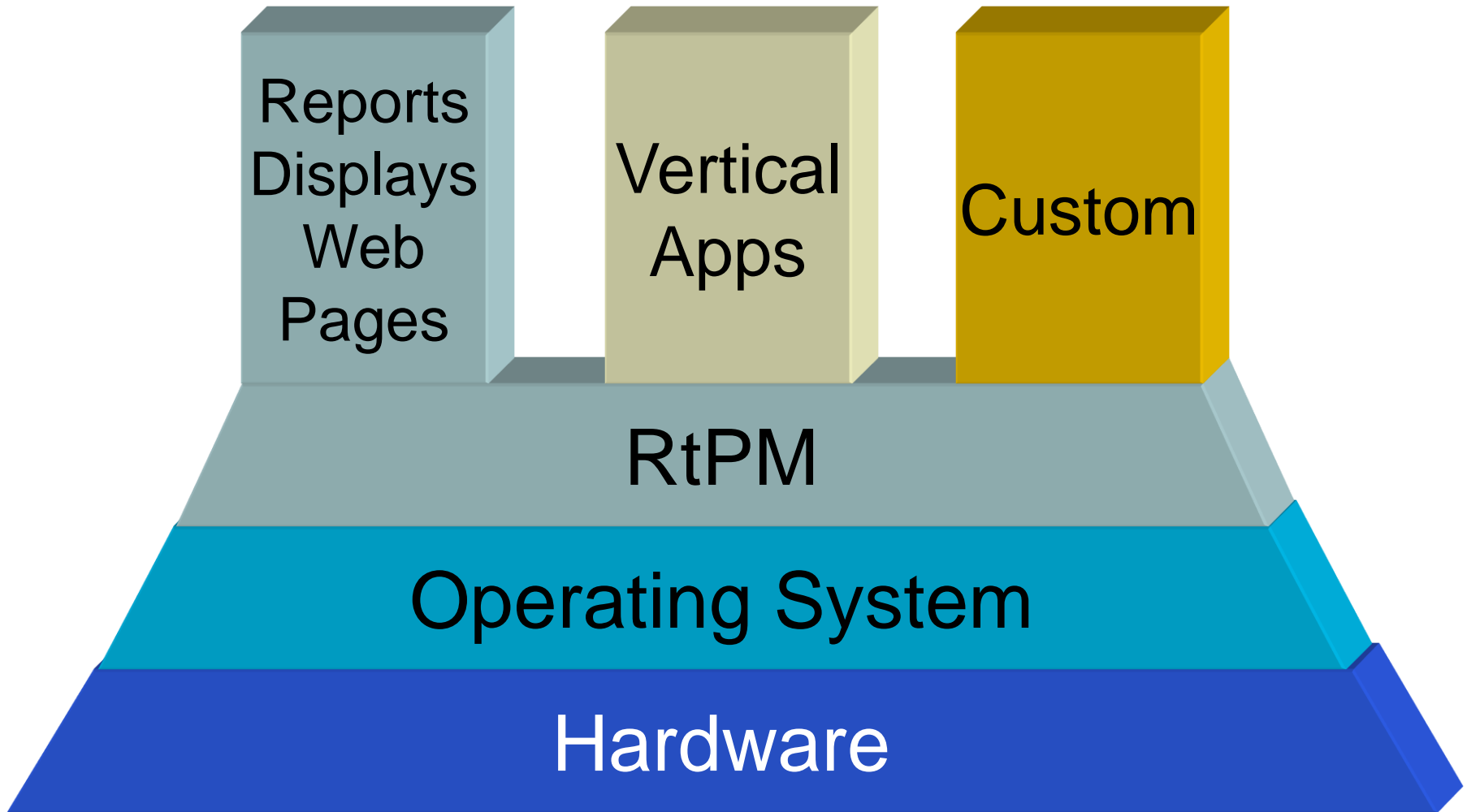
- Ubiquitous
- Packaged
- Throw away
- Custom



Cost per user



Building Blocks



Building Construction Analogy



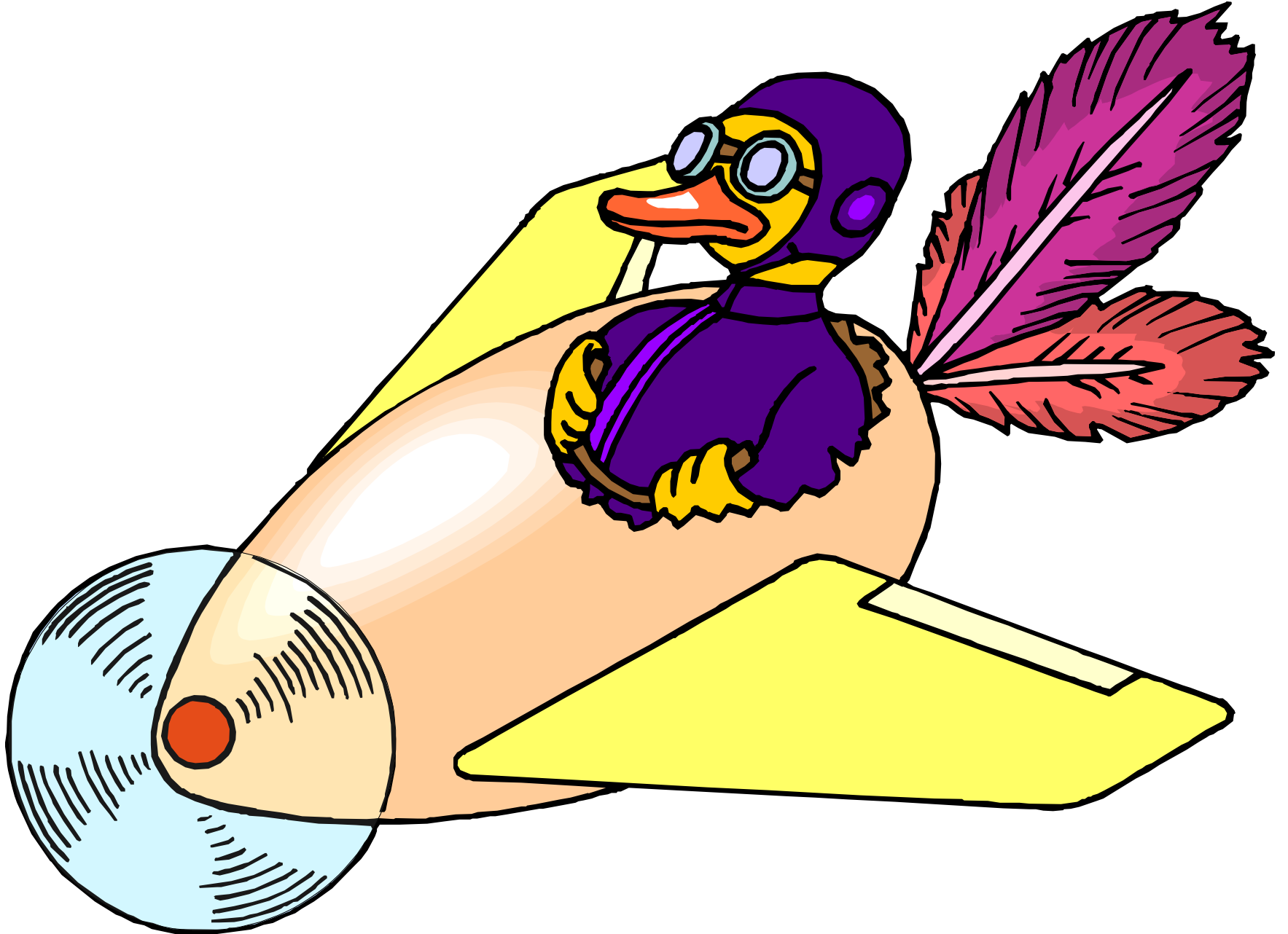
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RtPM DISCOVER YOUR PORTAL TO PERFORMANCE



DISCOVER YOUR PORTAL TO PERFORMANCE

Architecture

- What programs run on which boxes in the network? (deployment)
- Database, Application, Visualization layers (functional architecture)
- What are the important objects?



RtPM Problem Domain

- Time Series (Process Information)
- Product Information
- Structural Information
- Calculation/Analysis
 - Event Framing/Batch
 - Alarming
 - Data Reconciliation





Infrastructure

Foundation

Core

Platform

Architecture

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RtPM Features

- Security
- Scalability
- Reliability
- Ease of use
- Ease of management
- Flexibility
- Integration



RTMPM



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