

THE *Open* GROUP



Boundaryless Information Flow
Open Source in the Enterprise

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Hilton London Paddington
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Desktop Independence

Open Source Desktops and Enterprise Architecture

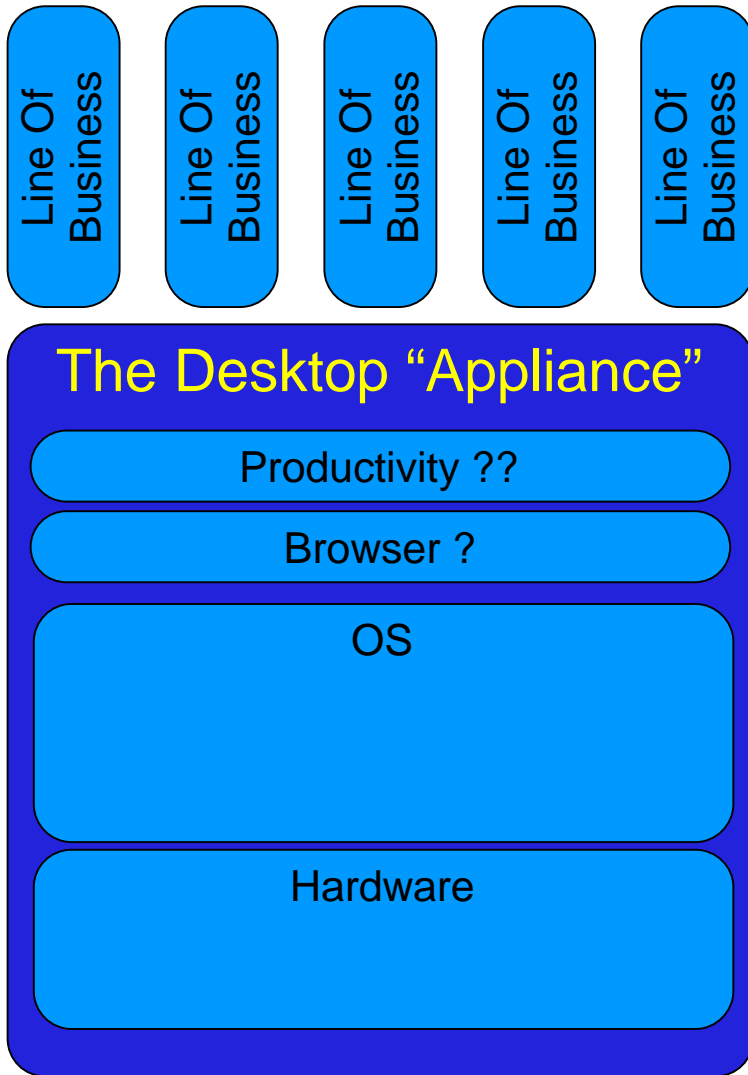


Martijn Dekkers – Technical Architect

Computacenter
Where vision meets know-how

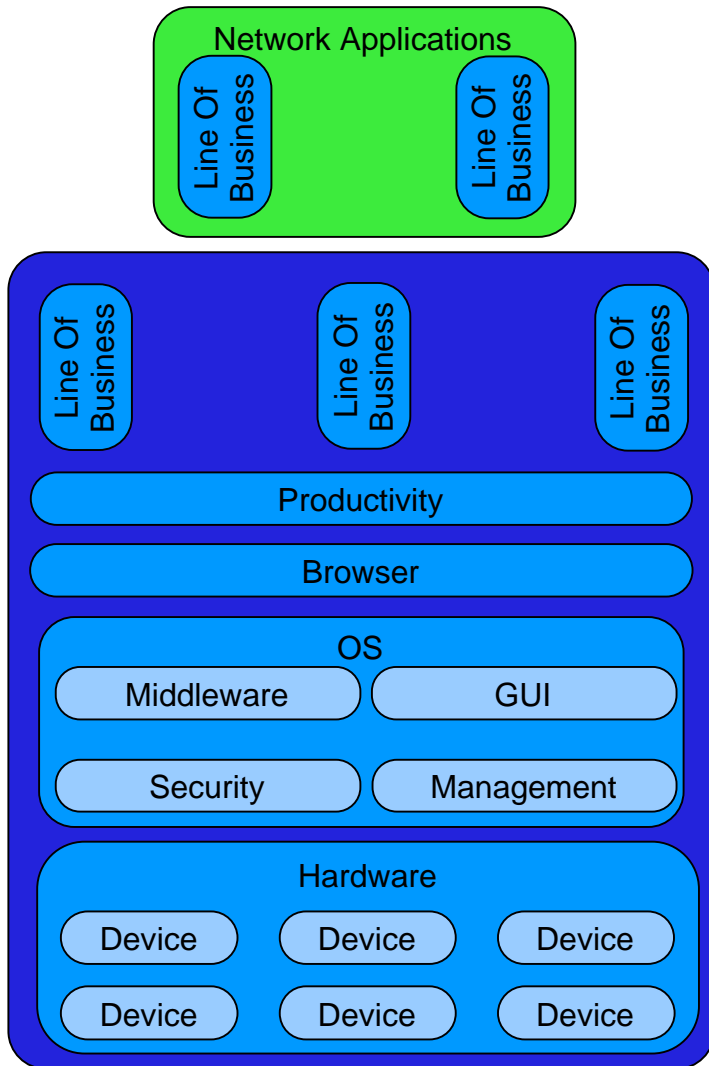
The Desktop Stack

Appliance View



- Black box appeal
- Cheap to obtain
- Easy to use
- Fast to deploy
- One Size Fits All

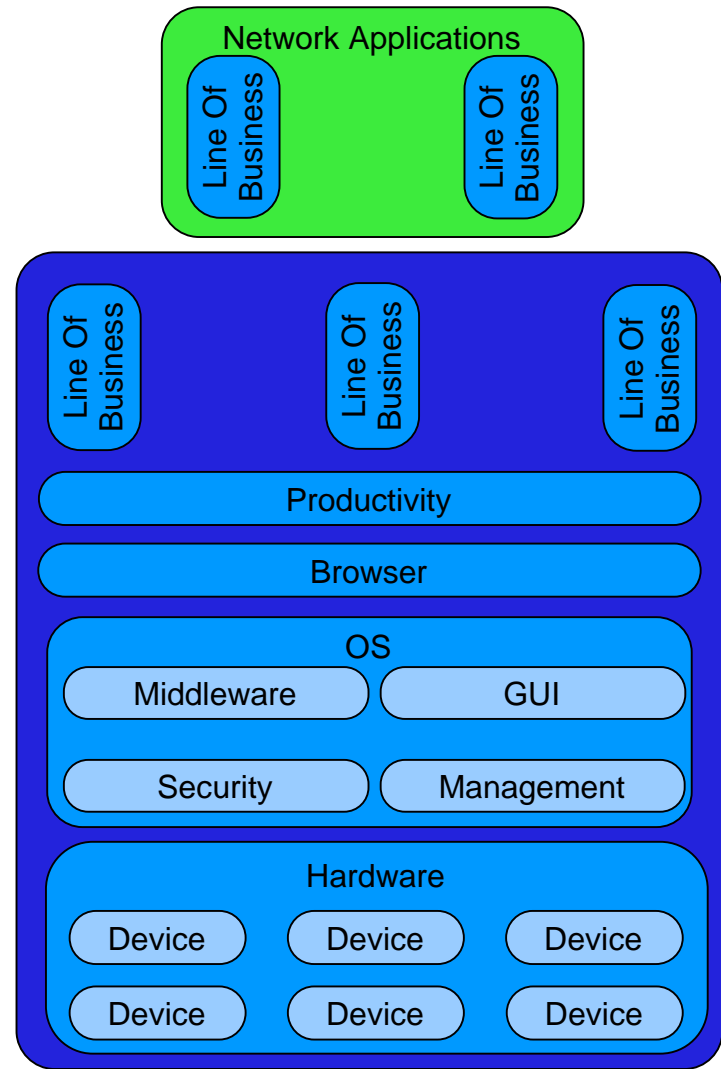
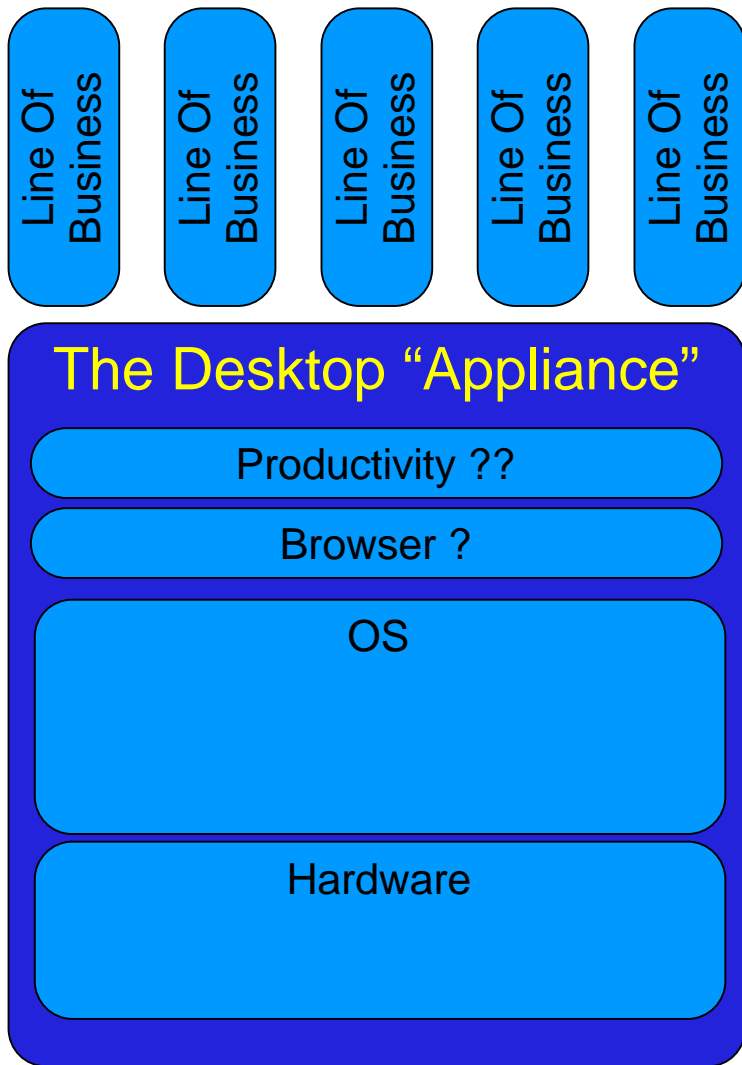
The Desktop Stack Management View



- Multiple Management Points
- Networked Applications
- Automated Management
- Access To All Areas
- Customise to Needs
- Customise to Capacity

The Desktop Stack

Mismatch of Views



Architecture Drivers

Business or Technology

- Problem Statement
- Business environment
- SMART Objectives
- Human Actors
- Machine Actors
- Roles & Responsibilities
- Cost of Implementation
- Only Line of Business?
- Management Issues
- Limited Customisations
- Limited Access
- Limited Ownership
- Limited Knowledge

Architecture Drivers

Any Technology As Long As It Is Mine

- Current Desktop – Win32 Only
- Subscribe To Microsoft's Worldview
- Subscribe To Microsoft's Toolset
- Subscribe To Microsoft's “Standards”
- Subscribe To Microsoft's Markets
- Subscribe To Microsoft's Fortunes
- Subscribe To Microsoft's Weaknesses

Architecture Drivers

Here Be Dragons

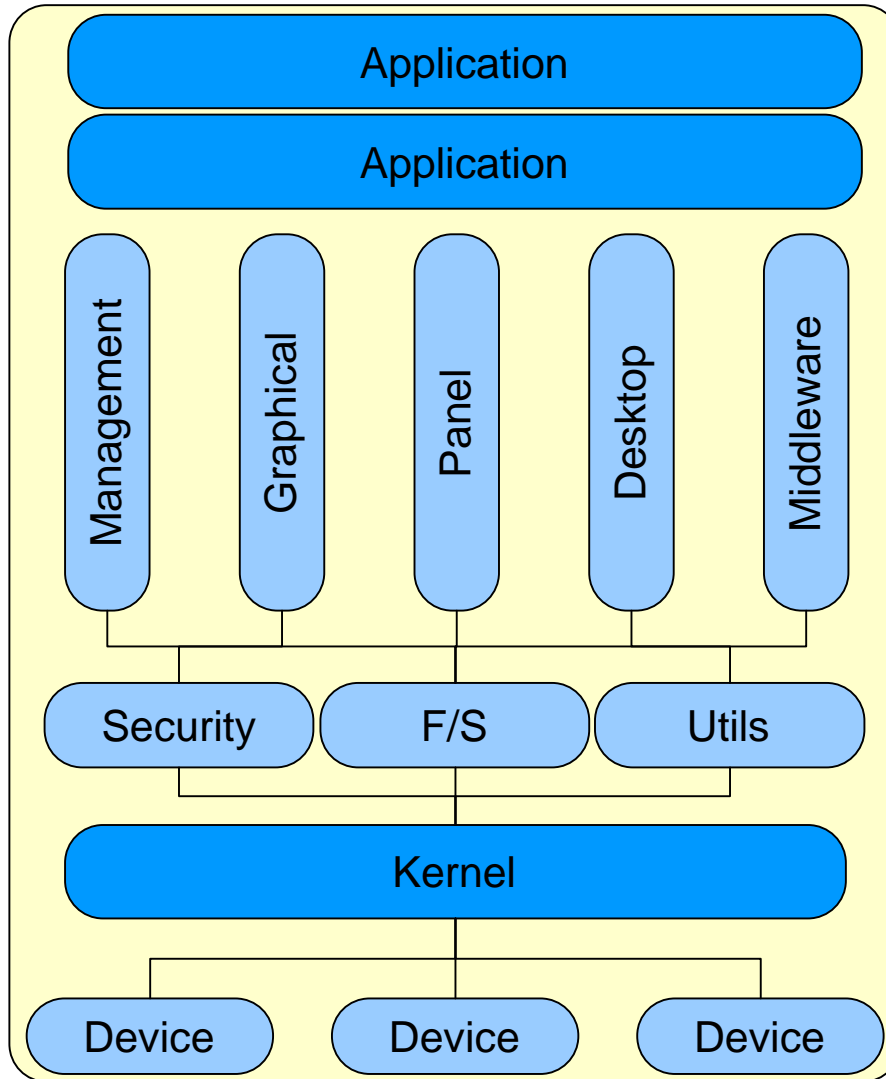
- Runs On Linux
- Open Standards Interfaces
- Little Interface Control
- Little Architecture Control
- Reduced Management Control
- “We Know What Is Best For You”

Architecture Drivers

The Integration Issues

- Running Different Applications
 - ◆ For Different Architectures
 - ◆ For Different Platforms
 - ◆ On The Same Interface?
- Managed Diversity? At What Cost?
- Managed Diversity? What's The Payback?
- Managed Diversity? Do I Have A Choice?

The Open Source Desktop Components



The Open Source Desktop Management

- Standard Protocols and Services
 - ◆ LDAP
 - ◆ RSYNC
 - ◆ HTTP
 - ◆ TFTP
 - ◆ CVS
 - ◆ SSH
- Standard Tools and Utilities
 - ◆ OpenAFS, NFS, SAMBA, CUPS, Unison
 - ◆ Mon, Gconf, Syslog, Nagios (Netsaint), Red Carpet

The Open Source Desktop Integration

- Unify Linux, UNIX, Win32 apps
- Use multi-platform tools
- Use the network to full effect
- Use open, modern file formats

- Think Open