



What Works?

- Partnerships
- Eliminate Multi-Vendor Complexity
- Integrate Into Existing Processes



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Corporate Manufacturing Applied
Information Technology Leader

P&G Background

- 138,000 people in 80 countries
- 147 plants in 42 countries
- US\$83.5B sales in 140 countries
- 300 Brands
 - 23 Brands >Billion \$US
- 3 Global Business Units
 - Beauty & Grooming
 - Health & Well Being
 - Household Care



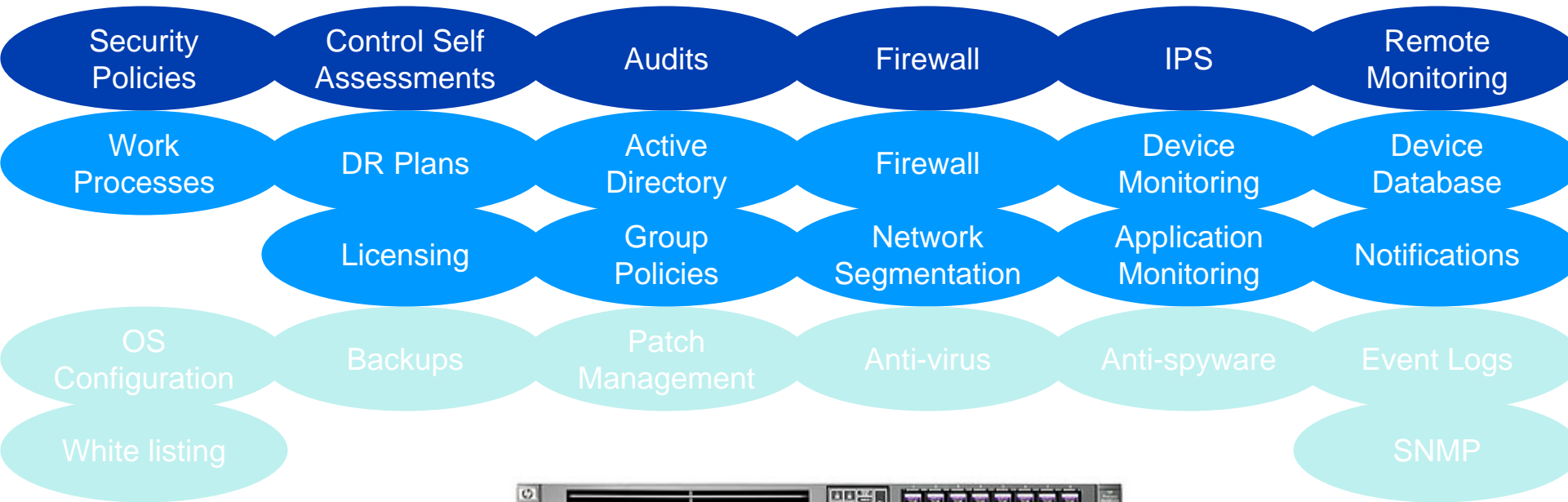
3 billion times a day, P&G brands touch the lives of people around the world



Touching lives, improving life. **P&G**™



Defense in Depth Theory



Defense in Depth Reality



Security Policies

Control Self Assessments

Audits

Firewall

IPS

Remote Monitoring

Work Processes

DR Plans

Active Directory

Firewall

Device Monitoring

Device Database

Licensing

Group Policies

Network Segmentation

Application Monitoring

Notifications

OS Configuration

Backups

Patch Management

Anti-virus

Anti-spyware

Event Logs

White listing

SNMP



What prevents theory from becoming reality?

- Cybersecurity is not a part of our core
- Cybersecurity is an afterthought
- Too many tools
 - Each independent of each other
- Control system vendor variation
- Competing priorities
- Lack of funding



Partnerships

- Pet Health & Nutrition's (PH&N) primary control system integrator is Interstates
 - Has IT expertise
- Partnership to manage cybersecurity
 - Delivered in all new initiatives
 - Manage ongoing



PH&N and Interstates Partnership

- Hardware/Software Standardization
- Patch Management
- Antivirus
- Active Directory
- Incident Support
- Audit Compliance
- Inventory Compliance
- Training



Eliminate Control System Vendor Variability

- Patch Management Issues
 - Many control system vendors in each plant
 - Different recommendations from each control system vendor
 - No patch management tool incorporates the control system application into their products
 - Knowledge that an application is running on a computer
 - Knowledge that an OS update has been approved via a vendor
 - Ability to use patch management tool for vendor application updates



Patch Management Solution

- Interstates configures and manages a commercially available patch management tool for P&G
 - Displays what control system applications are installed on a computer
 - Displays what OS updates have been approved by control system vendors
 - Can be used to deploy control system vendor application updates
- End user gets one common approach for all vendors



Integrate Cybersecurity Into Existing Processes

- Change management
- Initiative management
- Purchasing
- Physical security

