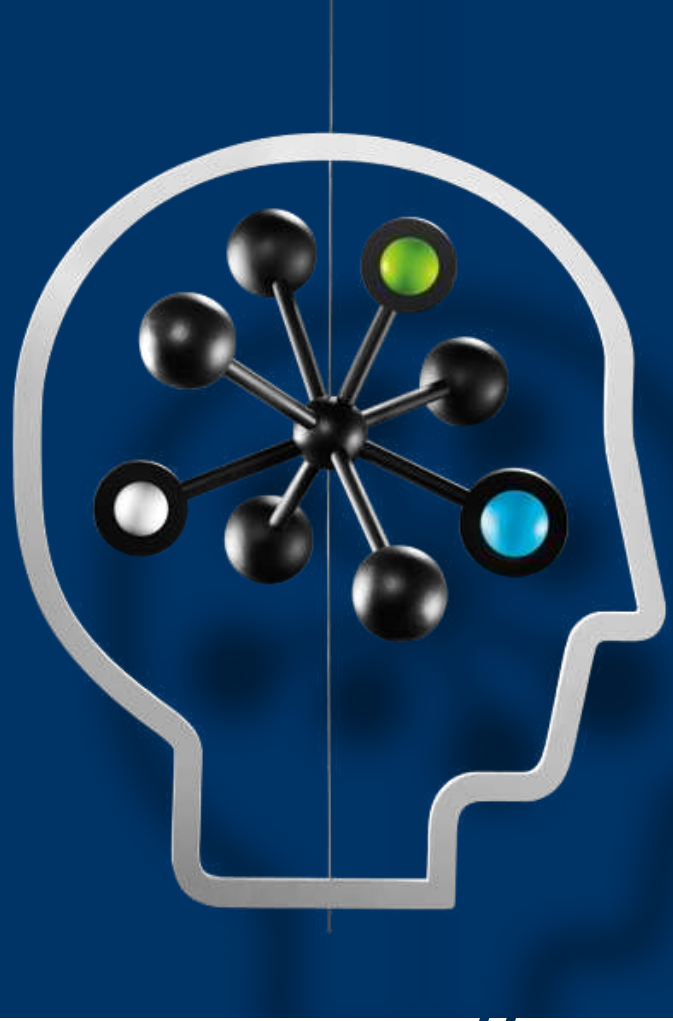
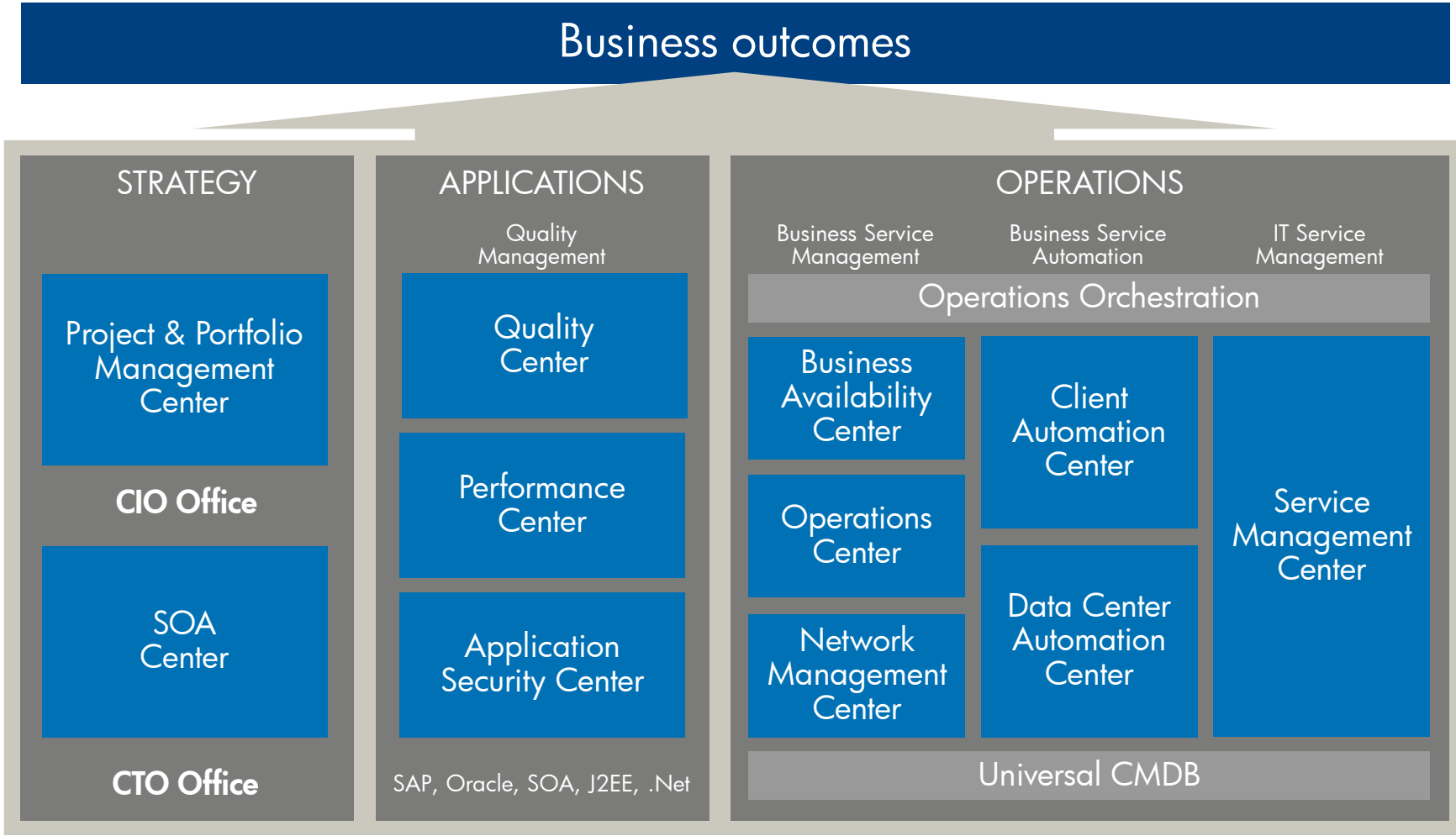
Application Security Center overview



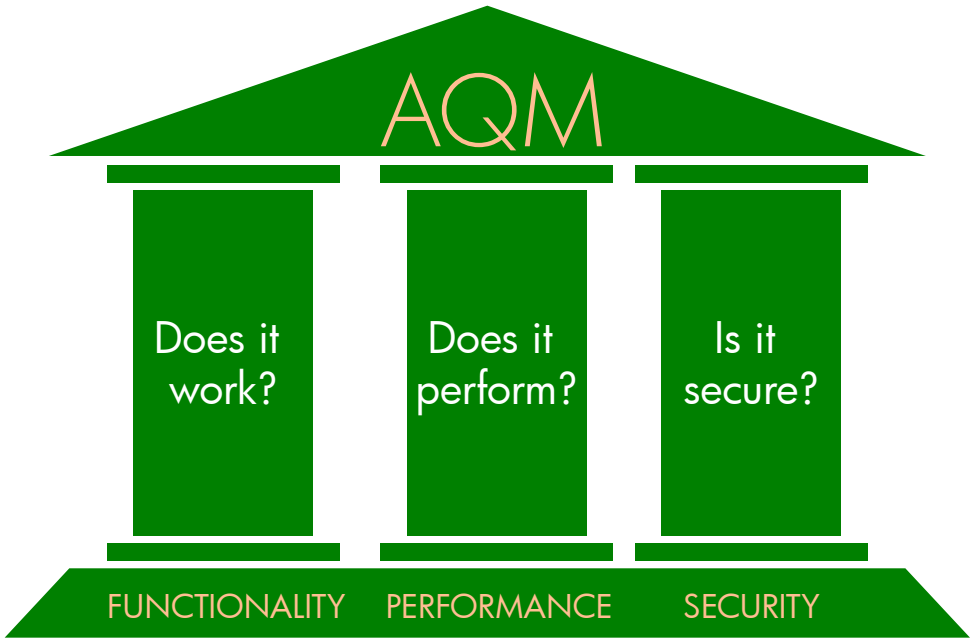
Magnus Hillgren
Presales – HP Software Sweden

Fredrik Möller
Nordic Manager - Fortify Software

HP BTO (Business Technology Optimization)



Three pillars of quality



Does it work?

- Does the application function the way the business needs it to?

Does it perform?

- Will the application perform for the entire customer set?
- Will it scale?
- Will it meet SLAs in production?

Is it secure?

- Has the application been assessed against all known threats?
- Are there open doors or windows that sophisticated hackers can penetrate?

The Risks are Real

Stal 144 000 Prisjaktkonton

Av Linus Larsson |

Säkerhet Hela databasen med lösenord och användarnamn har stulits från Prisjakt.nu. Sammanlagt rör det sig om 144 000 personers konton.

Hundratusentals lösenord sprids på nätet

Över en halv miljon svenskars lösenord sprids nu på nätet och många har drabbats av att någon har chattat eller skickat mejl i deras namn. Hackare har lagt upp flera filer med inloggningsuppgifter från bland annat efterfesten.com och bilddagboken.se, och det är så inloggningsuppgifterna har kommit ut. (P3 Nyheter)

Stort dataintrång - riksdagen drabbat

Runt 24 000 användarnamn, lösenord och mejladresser - bland annat till flera poliser, militärer och riksdagsledamöter - är på vift efter ett dataintrång. De drabbade kan ha fått mejlen läst av hackare. - Det är det här klassiska - om de har samma lösenord på flera ställen, säger Annica Bergman vid Dataföreningen, som utsattes för intrånget.

Gmail-hack öppna

Av Tommy Ekholm | CS ComputerSweden

SÄKERHET En säkerhetslucka i Gmail gör det möjlig- komma över e-post och adresser från användare. Ins- intrånget har publicerats på en blogg.

Verizon Business presentera rapport om dataintrån

Efter att ha gått igenom mängder av information frå kan Verizon Business visa på att intrången under fj fyra åren tillsammans. Mest utsatt är finanssektorn

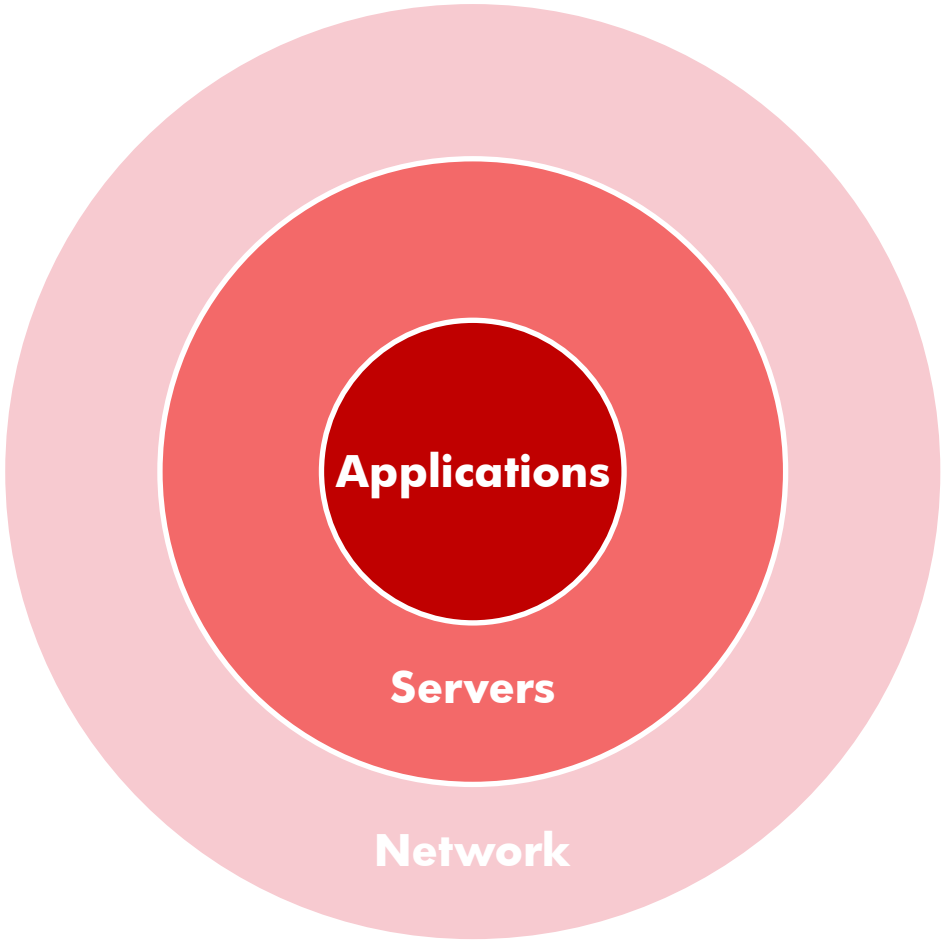
Gigantiskt hack mot hundratusentals sidor

Av Joel Westerholm | CS ComputerSweden

SÄKERHET (Uppdaterad) Hundratusentals webbplatser har hackats i ett omfattande angrepp som tog fart under förra veckan. FNs webbplats finns bland de angripna.

hp invent

Applications are the target



Applications: ✗
Unprotected and ignored

Servers: ✓
Protected by intrusion prevention

Network: ✓
Secured by firewall

"75% of hacks happen at the application."

- Gartner "Security at the Application Level"

hp invent

Vulnerabilities are "baked into" the apps themselves, so security can't be "bolted on"

Application teams must bridge the gap

Security professionals

Application developers and QA professionals

The Costs to the Enterprise are Enormous

- Costs incurred for
  - Discovery, response, and notification
  - Lost employee productivity
  - Regulatory fines
  - Customer losses
- The total cost* of a data breach ranges from $90 to $305 per compromised record
- Cost of a single breach may run into millions or even billions of dollars

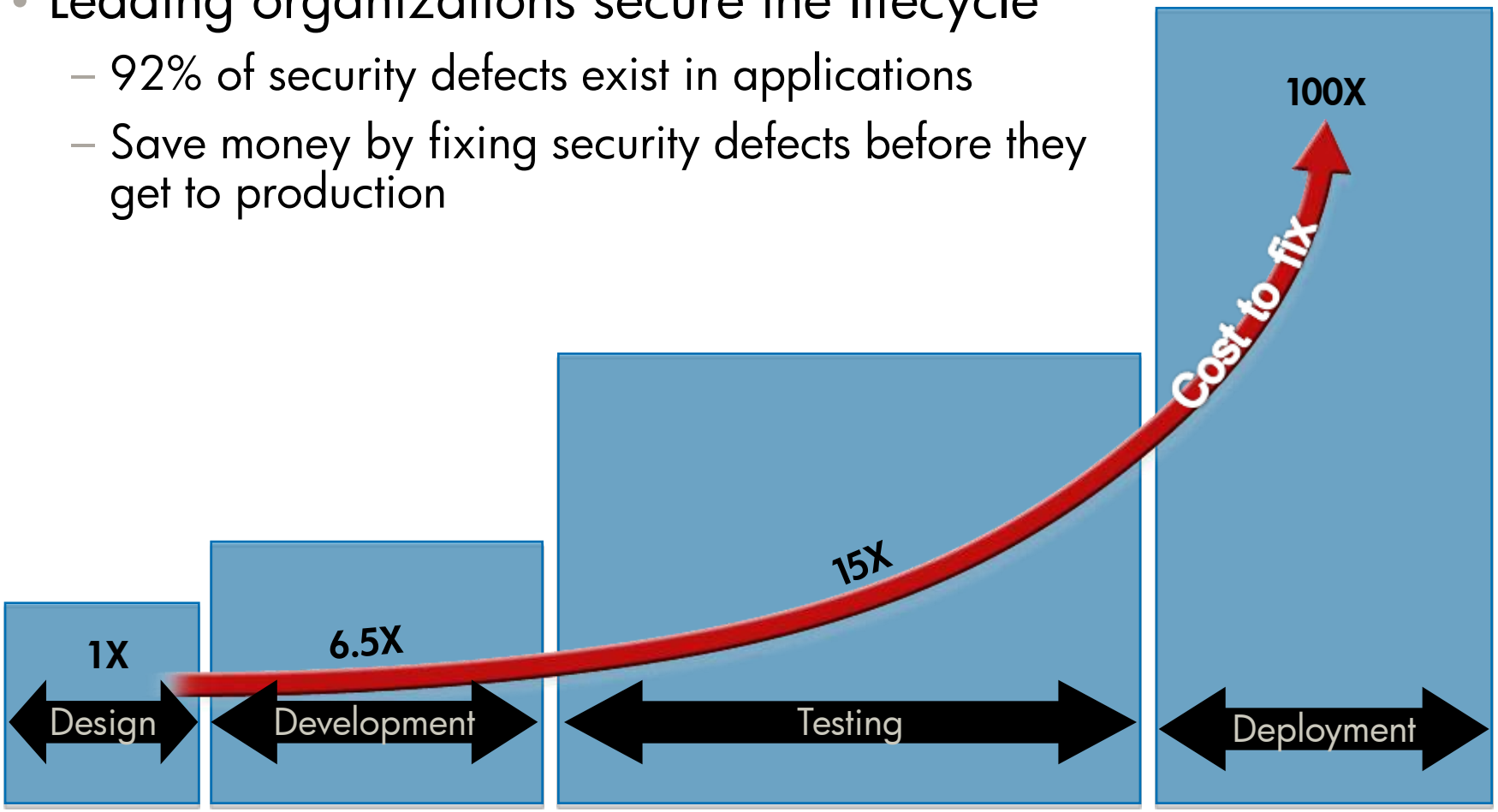
From scans of over 31,000 sites, over 85% showed a vulnerability that could give hackers the ability to read, modify and transmit sensitive data.

-- Web Application Security Consortium

***Forrester Research, "Calculating The Cost Of A Security Breach"**

What are organizations doing about these threats?

- Leading organizations secure the lifecycle
  - 92% of security defects exist in applications
  - Save money by fixing security defects before they get to production



HP Software & Fortify Software

- Best Enterprise Application Security Solution
  - Fortify leads SAST and "Security for Development" market
  - HP dominates Quality Assurance, leader in DAST market
  - Leverage strengths to bring "best of breed" solutions to customers

<u>Planned integrations:</u>

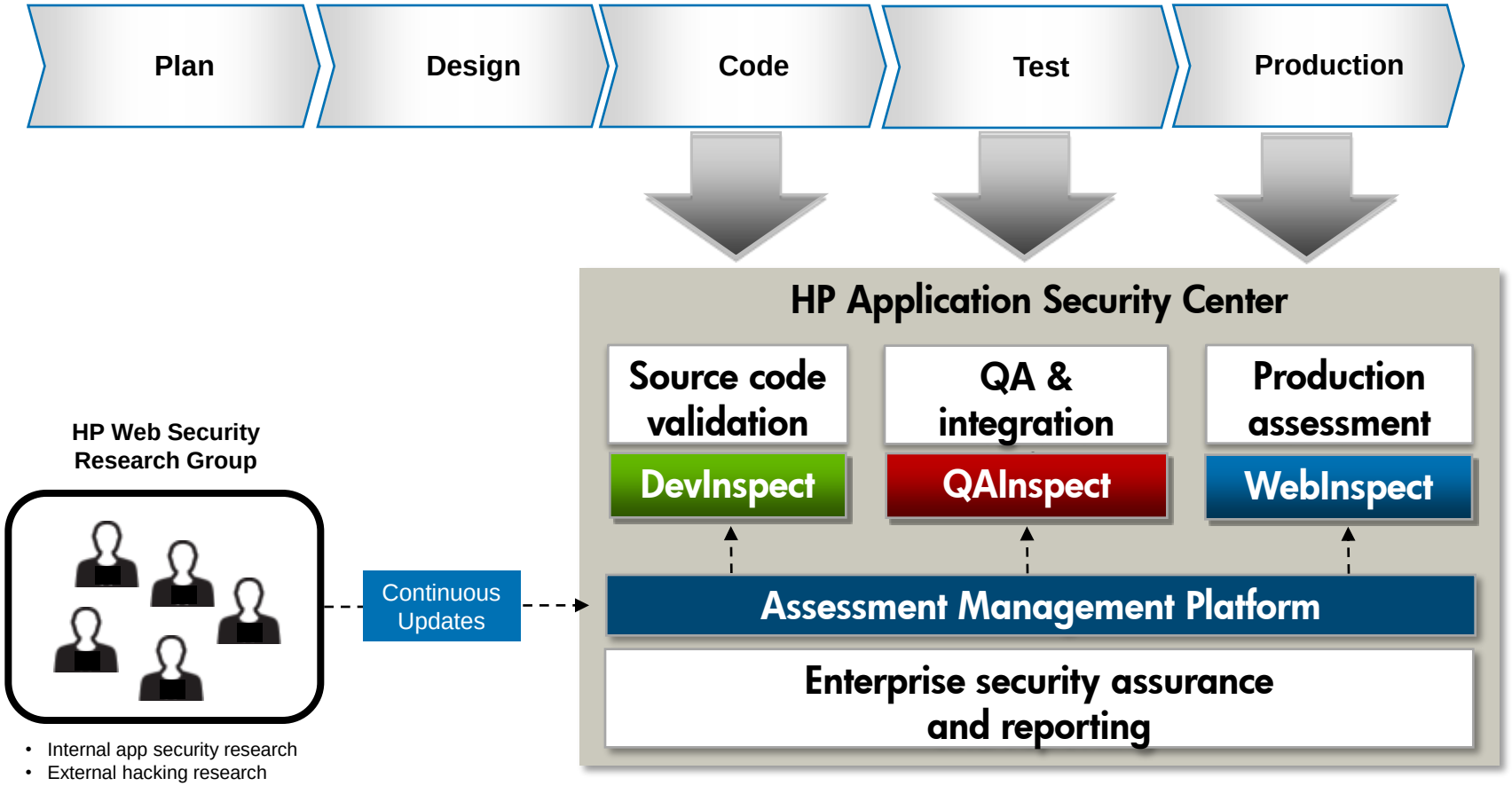
- Fortify 360 SCA → HP Application Management Platform
  - Single dashboard view for more comprehensive risk picture
- Fortify 360 SCA → HP Quality Center Defect Mgmt Module
  - Security into established defect tracking process

"Gartner believes that vendors have greater vision if they integrate static and dynamic testing to increase the breadth of application life cycle coverage and the accuracy of vulnerability detection…"

Gartner, Inc. "HP and Fortify Aim to Advance Application Security Testing" - Joseph Feiman and Neil MacDonald, June 17, 2009

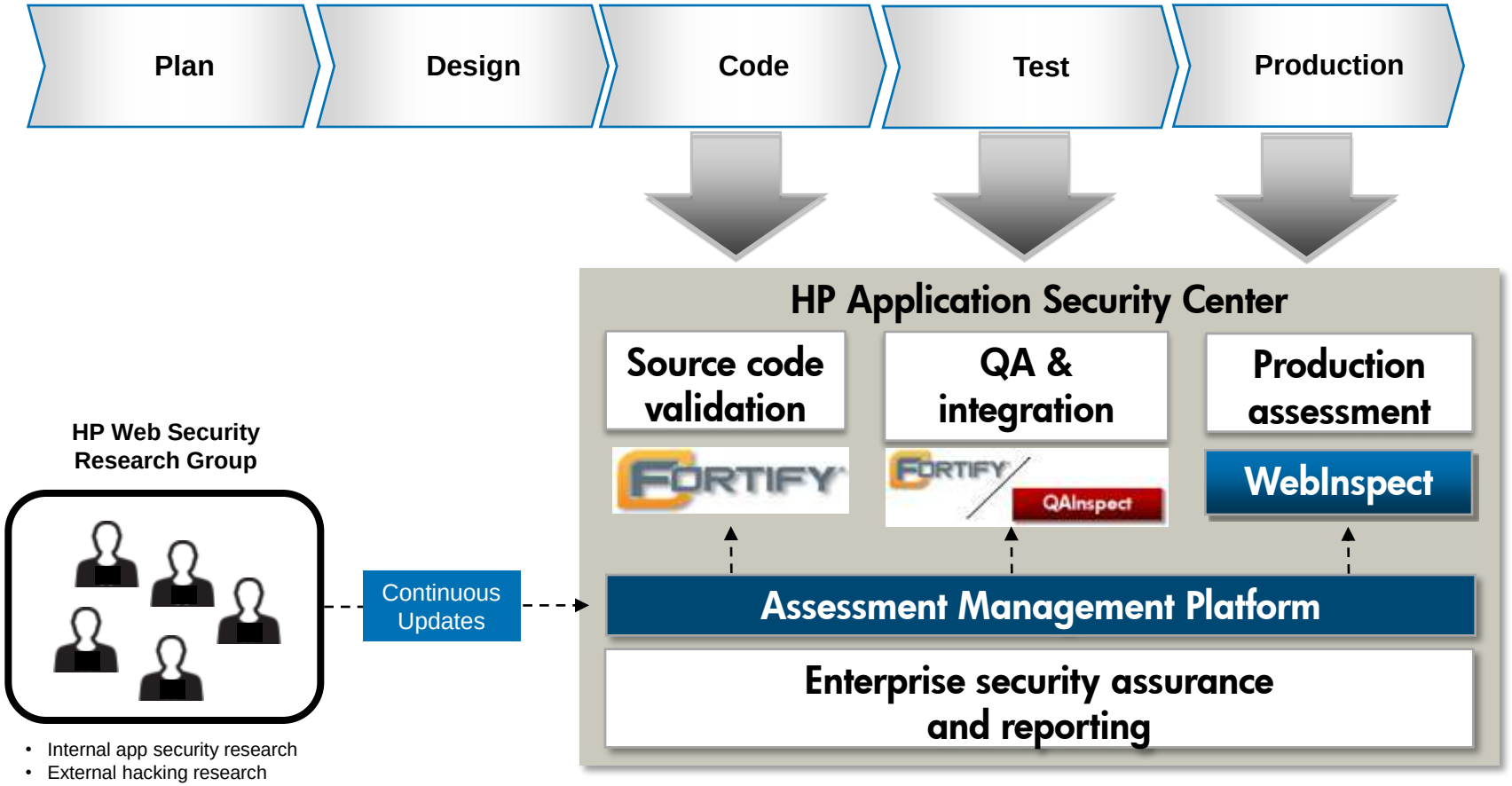
HP Application Security Center
Before partnership with Fortify

Enterprise application security assurance



HP Application Security Center
Security for the Application lifecycle - Current

Enterprise application security assurance



Fortify 360 Source Code Analyzer

The Gold Standard for Static Analysis Security Testing

Business Value

- **Increase Productivity**
  - Discover, Prioritize and Fix issues faster
  - Pinpoint security flaws at the root cause in the code
  - Empower developers to remediate errors early
- **Increase Visibility**
  - Analyze and remediate software created:
    - In-house
    - Outsourced
    - Purchased
    - Open source
  - Track and control security throughout the development lifecycle
- **Leverage existing infrastructure**
  - Works seamlessly in developer IDEs or via web interface
  - Automatically submit defects to HP Quality Center Defect Management System
  - Analyzes 17 languages and over 600,000 APIs

hp invent

Fortify SCA -> HP QualityCenter

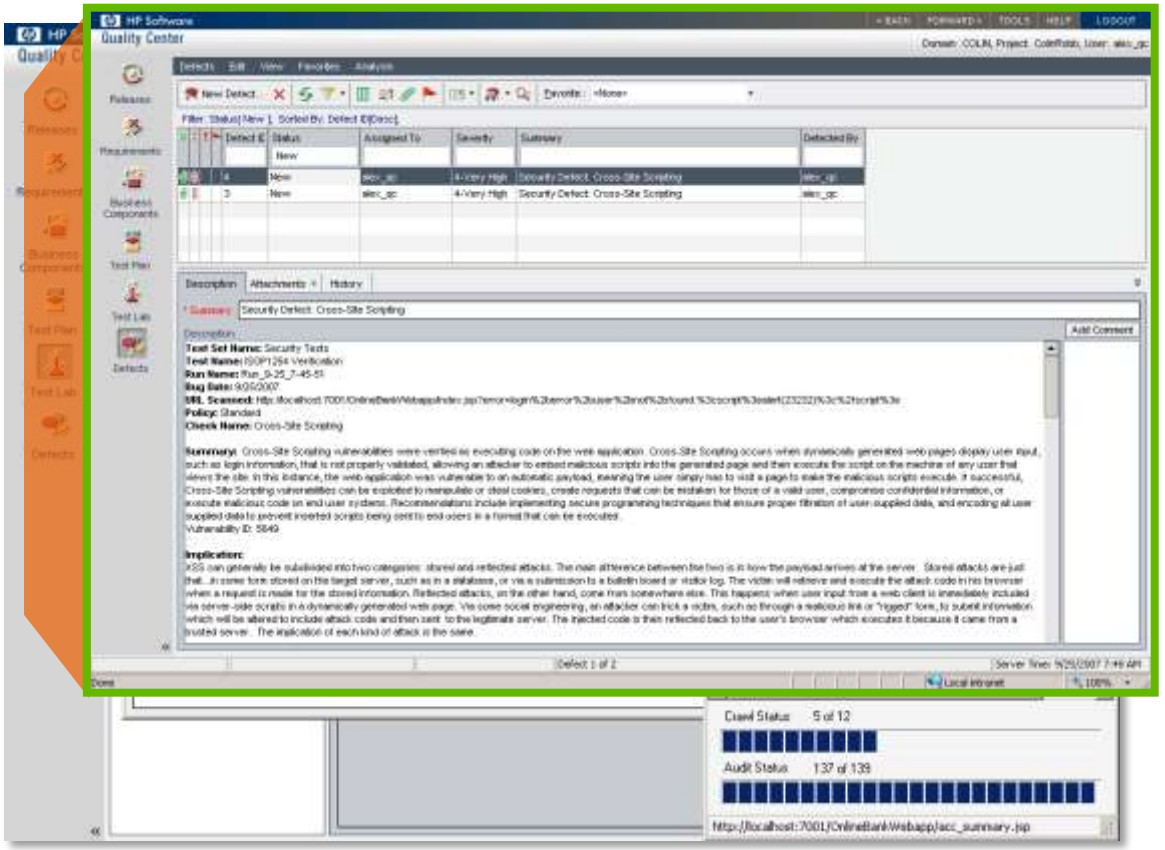
- Out-of-the-box, seamless integration
  - Submit issues from Fortify SCA into HP QualityCenter Defect Management Module
  - Via user interface or command line
- Round-trip integration enabled
  - Fortify SCA updates issues when status changes in HP QC
- Custom field integration
  - Via professional services

HP QAInspect

Automated security testing for quality assurance teams and engineers

Key benefits

- **Automated Security Defect discovery**
  - Automatically finds and prioritizes security defects in a Web application
- **Integrated with Quality Center**
  - Manage security testing within existing QM methodology
  - Correct security defects early in application lifecycle
- **Lower Application Risk**
  - Ensures compliance with government regulations
  - Less exposure to application downtime
- **Targeted Security Testing**
  - Holistic or targeted application security tests depending upon requirements
- **Built in Knowledgebase**
  - Built-in Security Expertise combines daily updates of vulnerability checks with unique intelligent engines.
  - Comprehensive defect information and remediation advice about each vulnerability



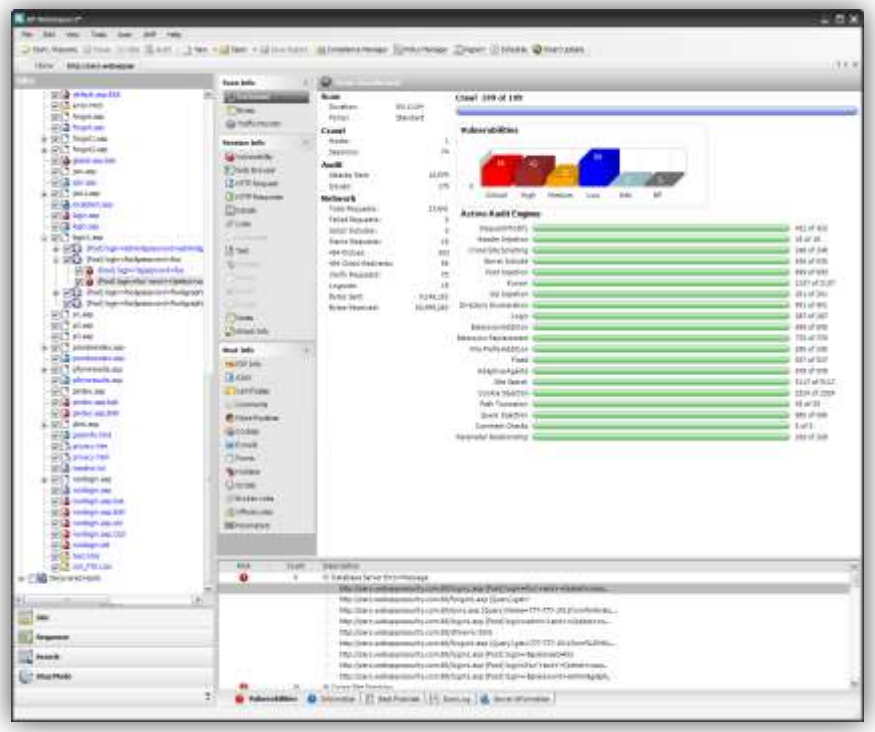
invent

HP WebInspect

For Security Professionals and Advanced Security Testers

Key Benefits

- **Find security defects during production or before you go live**
  - Determine the current security status of your web or web service applications
  - Remediation advice for Development, QA and Operations
- **Accelerate Regulatory Compliance**
  - Includes reports for more than 20 laws, regulations, and best practices, like SOX, HIPAA, PCI
- **Support for the latest web technologies**
  - Supports the latest AJAX and JavaScript rich internet applications
- **Advanced Security Toolkit**
  - High automated while allowing hands-on control
  - Advanced toolkit for penetration testers
- **Create customized reports and policies**
  - Custom checks, report templates, policies, compliance reports

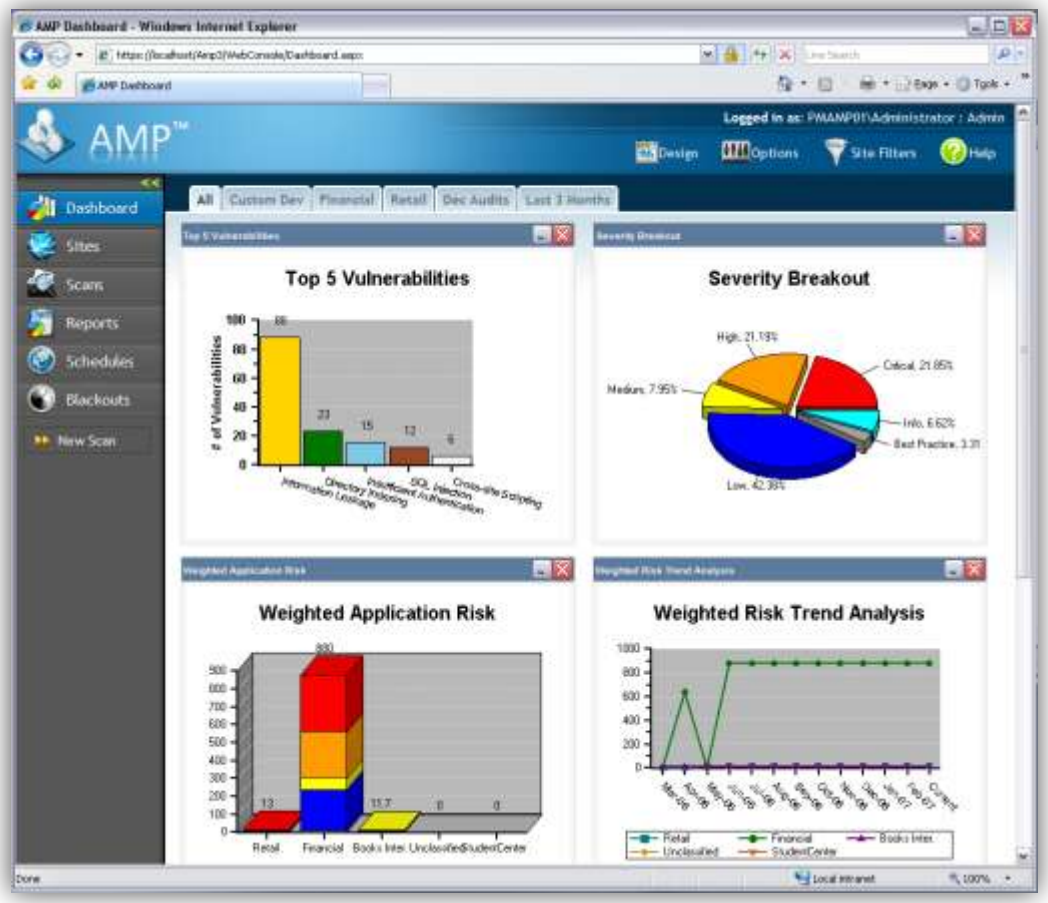


HP Assessment Management Platform

Assess and manage application security risk across the enterprise

Key Benefits

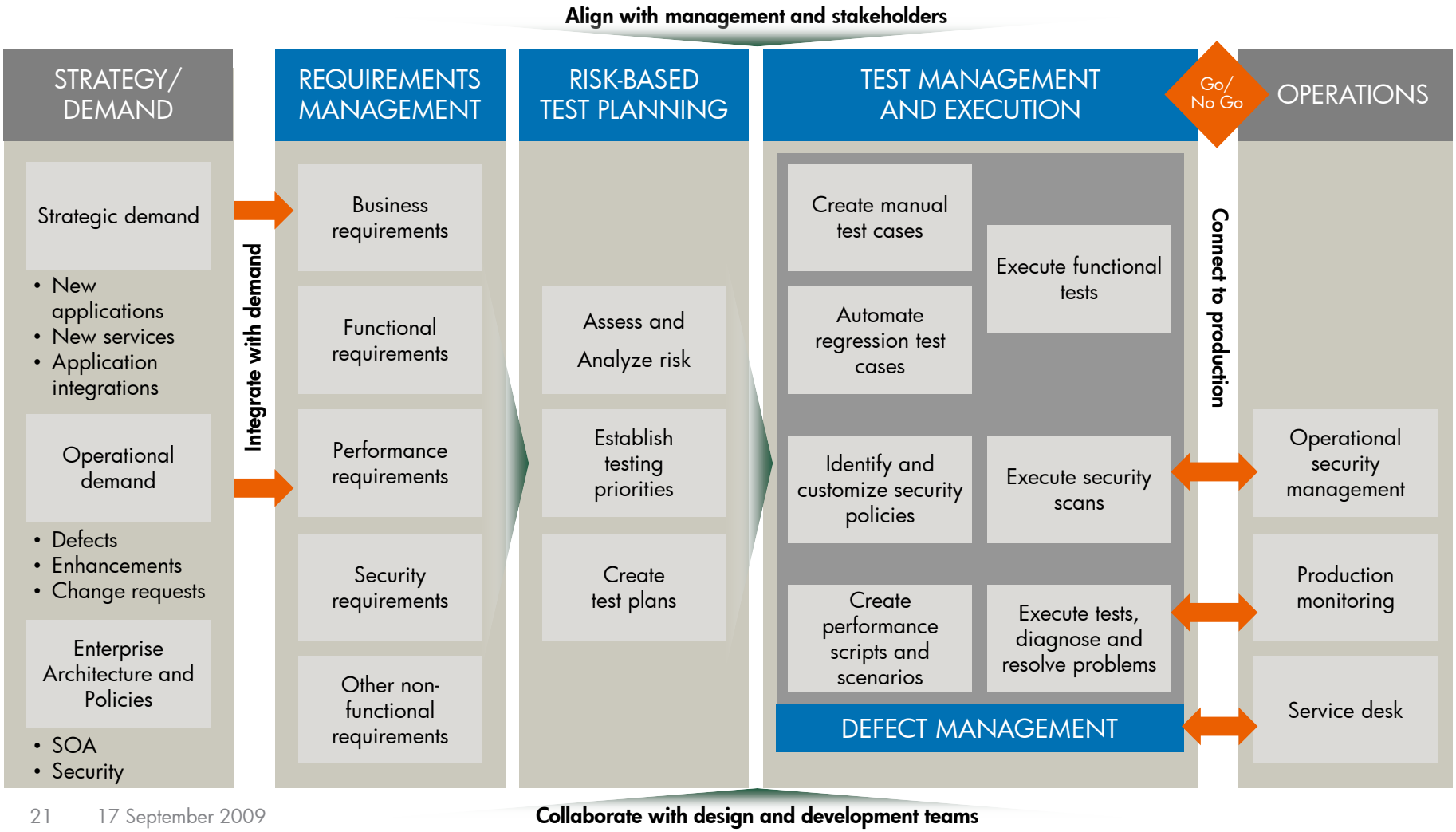
- **Controlled Visibility**
  - Centralize all application security data
  - View and report on assessments conducted anytime by anyone
  - Strict access control of sensitive data
- **Scalability**
  - Multi-scanner arrays amplify existing personnel to scan more systems faster
- **Managed Self-Service**
  - Allow low usage customers can scan themselves via web portal
- **Control Sensitive Security Activities**
  - Set user permissions, enforce policies and restrict activities
  - DevInspect, QAInspect, AMP Sensors and WebInspect



SC Awards 2008 winner for "Best Enterprise Security Solution"

Enforce the quality process

A repeatable quality management process mitigates risk



Thank you!

magnus.hillgren@hp.com

fmoller@fortify.com