

# Information Security and Privacy Advisory Board

## Security Strengths and Challenges

# Microsoft Software + Services Platform

Patrick Arnold  
Chief Technical Officer – USPS Enterprise Services  
Microsoft Corporation



# Windows Azure

# Azure™ Services Platform

Live Services

Microsoft .NET Services

Service Bus Access Control Workflow Services

Microsoft SQL Services

Database Data Sync Reporting  
Data Mining ETL Reference Data

Microsoft SharePoint Services

Microsoft Dynamics CRM Services

Windows Azure™

Service Mgmt

Virtualized Compute

Blobs

Tables

Queues

Locks



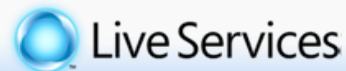
Users control their own identities

Single, federated identity platform

Open and interoperable



“Geneva”



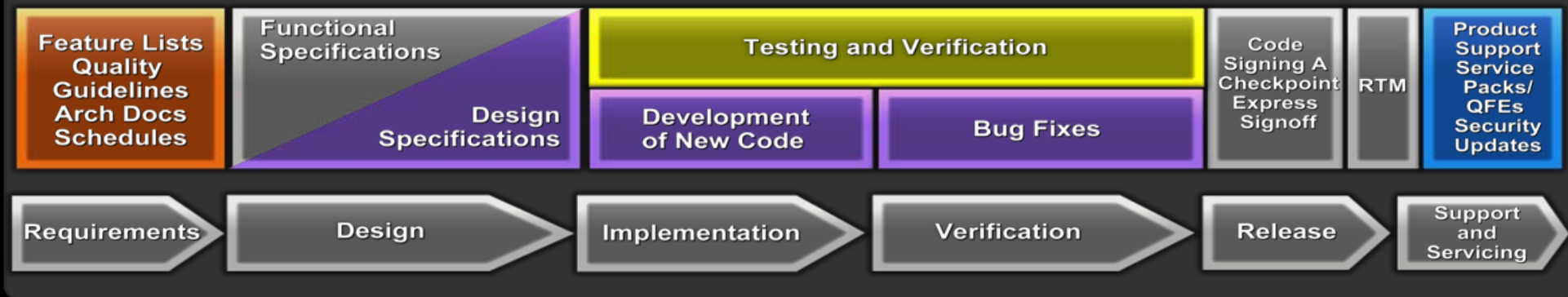
# Security and Privacy Considerations

Facilities, Personnel, Software Design, Government Requirements, Government Certifications, Commercial Certifications, Accreditation, Business Impact –data isolation, PII Protection, loss of control –a dependency on processes perhaps better than accustomed to

# Security Development Lifecycle



*Traditional Microsoft Software Product Development Lifecycle Tasks and Processes*



*Most closely resembles the "spiral method" of software development*

# ISO 27001, NIST 800-53 and SAS 70

- The ISO 27001 Certification demonstrates to customers that GFS' has met the requirements of an Information Security Management System (ISMS) as defined in the internationally recognized ISO 27001 Standard
  - NIST 800-53 Security Controls are largely a subset of ISO 27001
- A SAS 70 (audit) is used to report on controls placed in operation and the testing of the operating effectiveness of those controls



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