



Jon DeVaan

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Predicting the Future

“Computers in the future may have only 1,000 vacuum tubes and perhaps weigh 1½ tons.”

Popular Mechanics Magazine
1949

Predicting the Future

“I think there is a world market for about five computers.”

Attributed to Thomas J. Watson
Chairman of the Board of
International Business Machines
1943

Predicting the Future



Predicting the Future

“64K of RAM! What on earth would anyone do with all that RAM?”

Jon DeVaan

1984

When interviewing at Microsoft



Your PC, simplified



Simplifies
everyday tasks

Works the way
you want

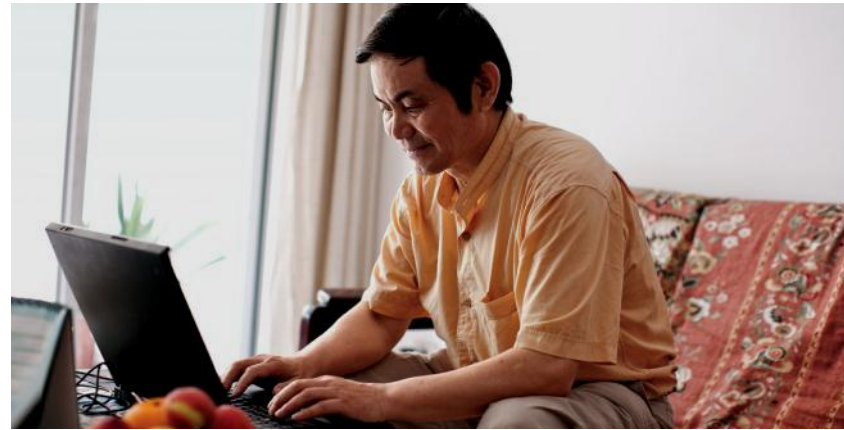
Makes new
things possible



The best OS for business



Works the way
you want



Get more
done



Safe guard
your work

Engineering Windows 7: Basic engineering system principles

- Plan the work, work the plan
- Always know how much work remains (very hard)
- High quality every day at every step

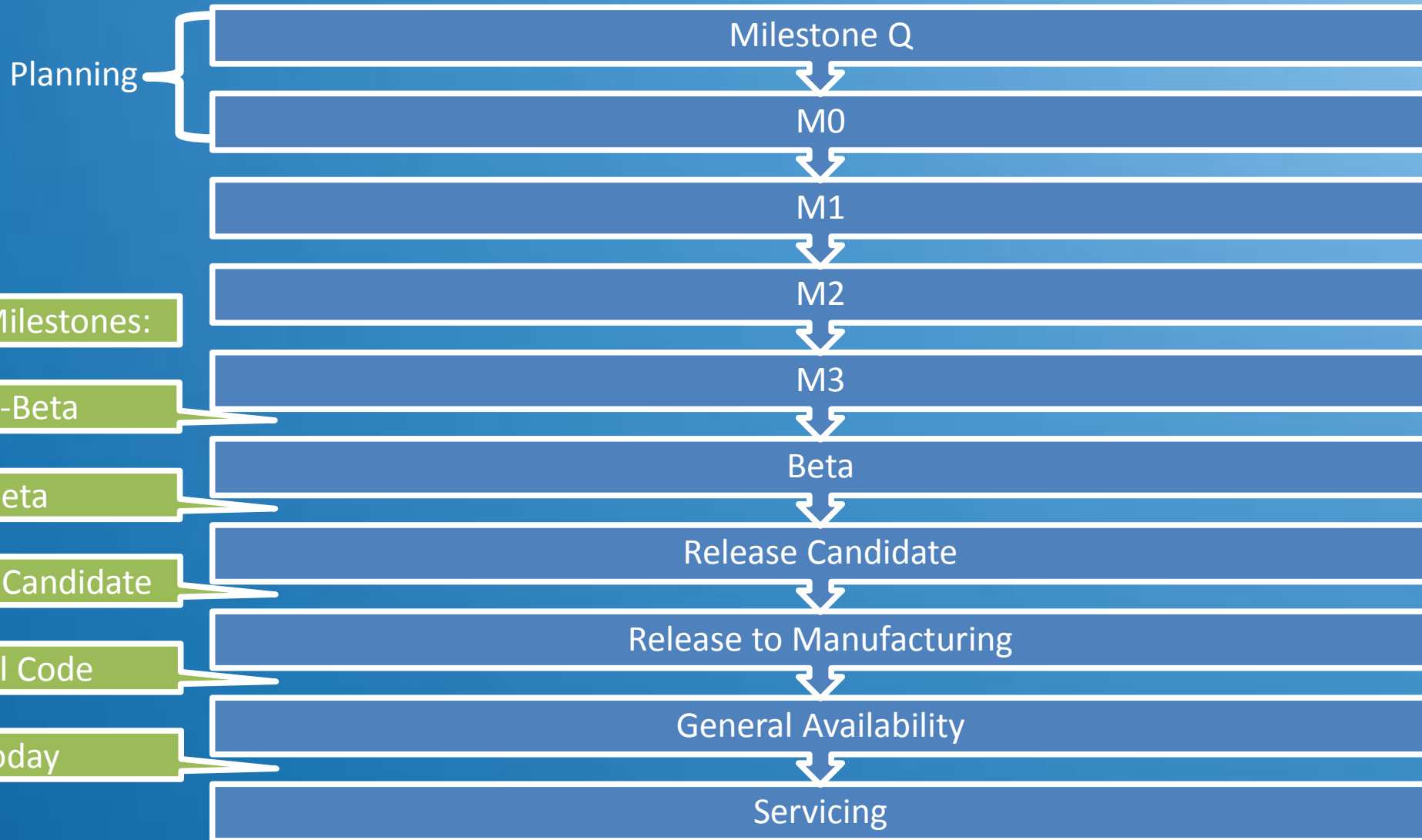
Engineering Windows 7: Team Structure

- Applets and Gadgets
- Assistance and Support Technologies
- Core User Experience
- Customer Engineering and Telemetry
- Deployment and Component Platform
- Desktop Graphics
- Devices and Media
- Devices and Storage
- Documents and Printing
- Engineering System and Tools
- File System
- Find and Organize
- Fundamentals
- Internet Explorer (including IE 8 down-level)
- International
- Kernel & VM
- Media Center
- Networking - Core
- Networking - Enterprise
- Networking - Wireless
- Security
- User Interface Platform
- Windows App Platform

Engineering Windows 7: Creating the plan

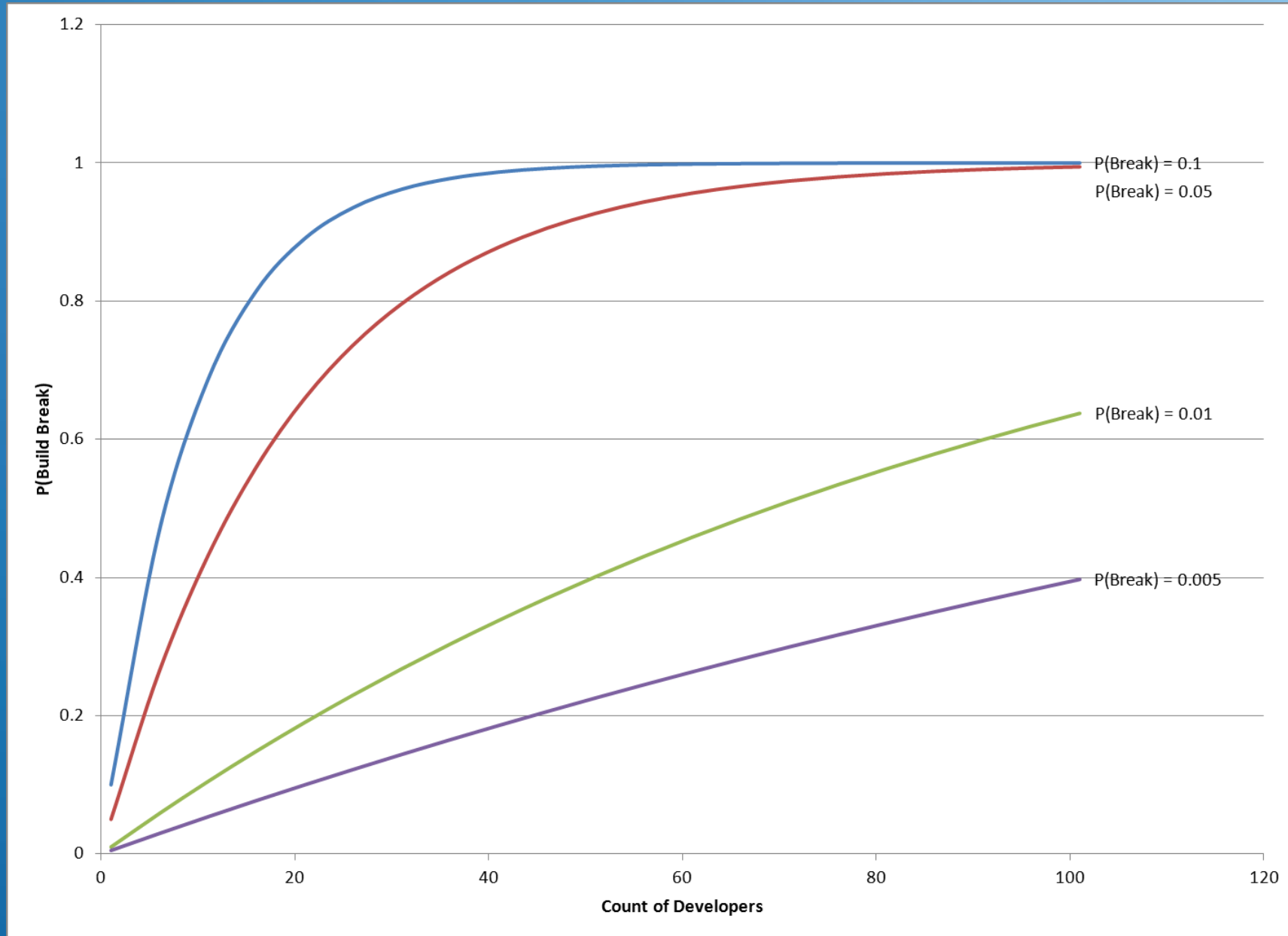
- Start with customer focus
 - Telemetry from > 1,000,000,000 Windows users in over 200 countries
 - Input from over 250,000 customer surveys
 - Over 2,600 detailed usability studies
- Build consensus across Feature teams
 - Share data and perspectives
 - Align customer needs with technology trends and expertise
 - End to end scenario definition and design
- Document the plan
 - Pillars, Scenarios, Tenets
 - Schedule

Engineering Windows 7: Engineering Milestones

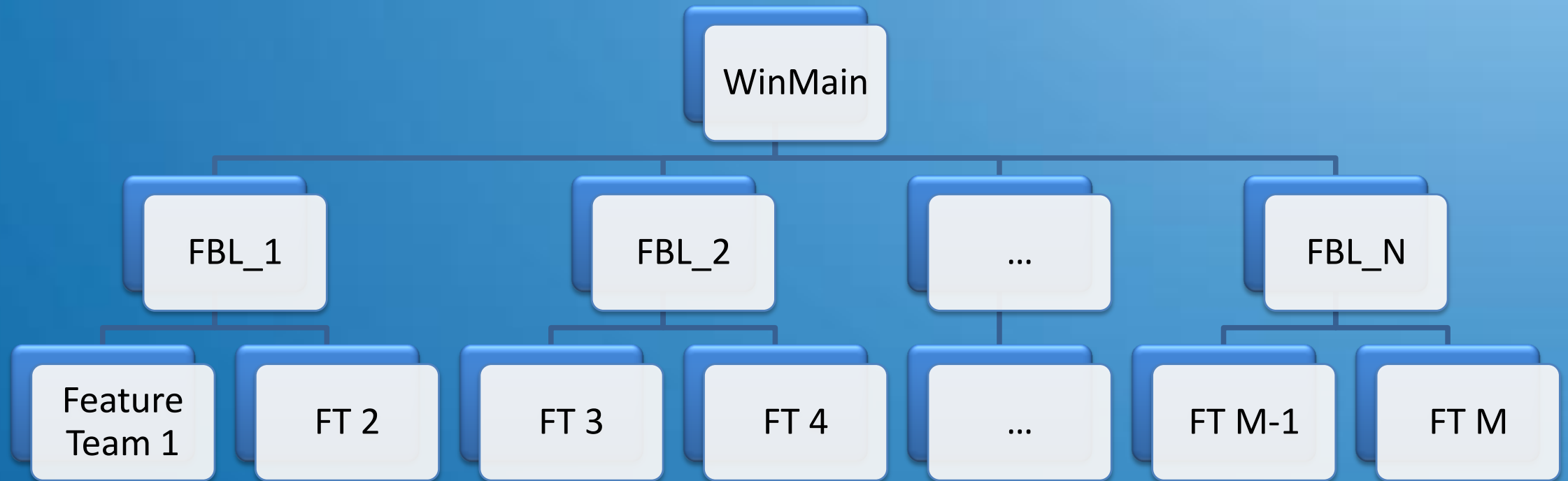


Non-Linear Time

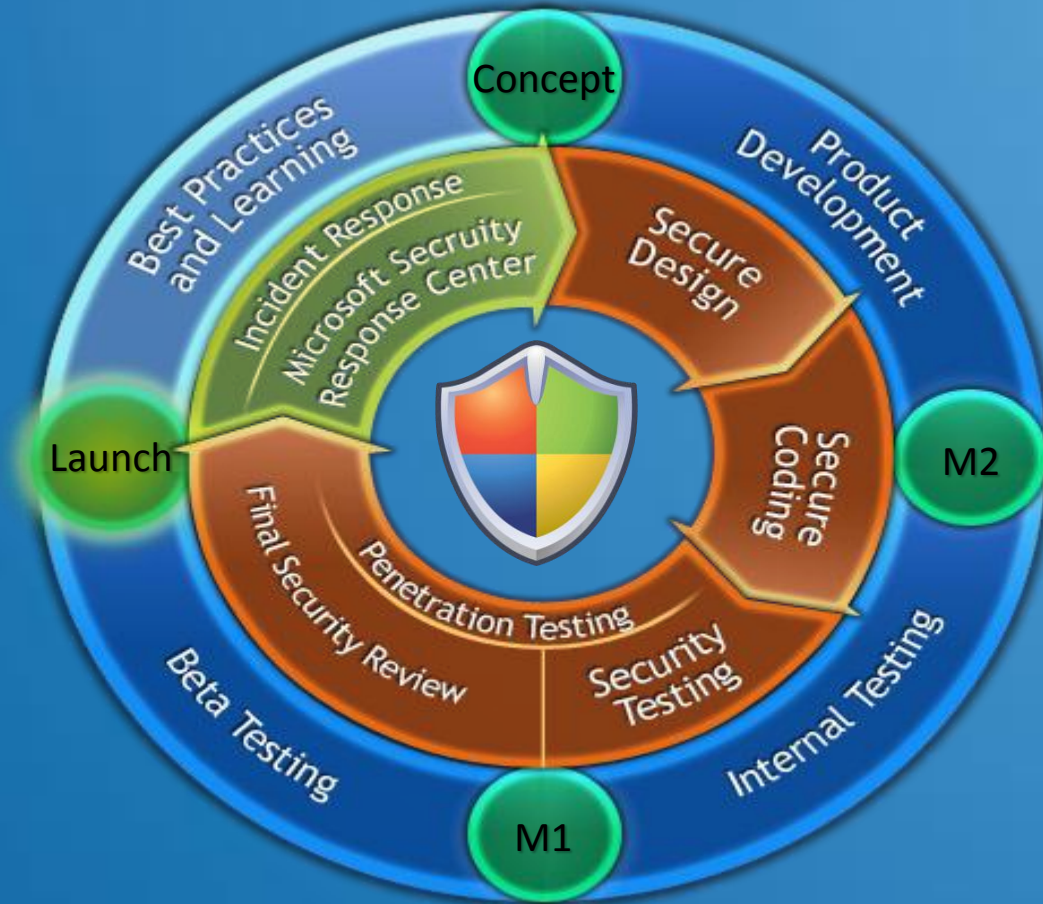
Engineering Windows 7: Nature of developer collaboration



Engineering Windows 7: Structure of code flow



Security Development Lifecycle



Process

Education

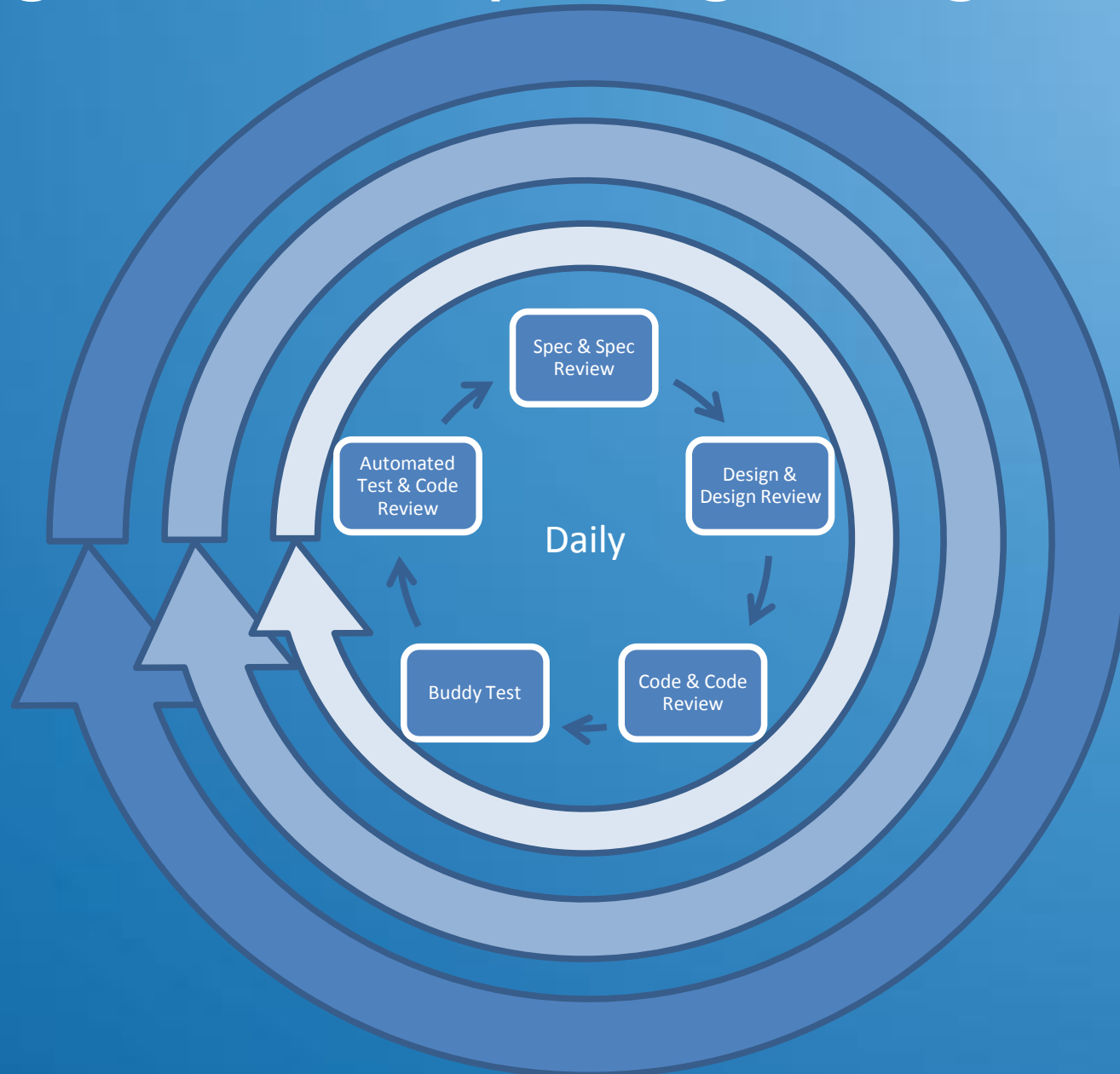
Accountability



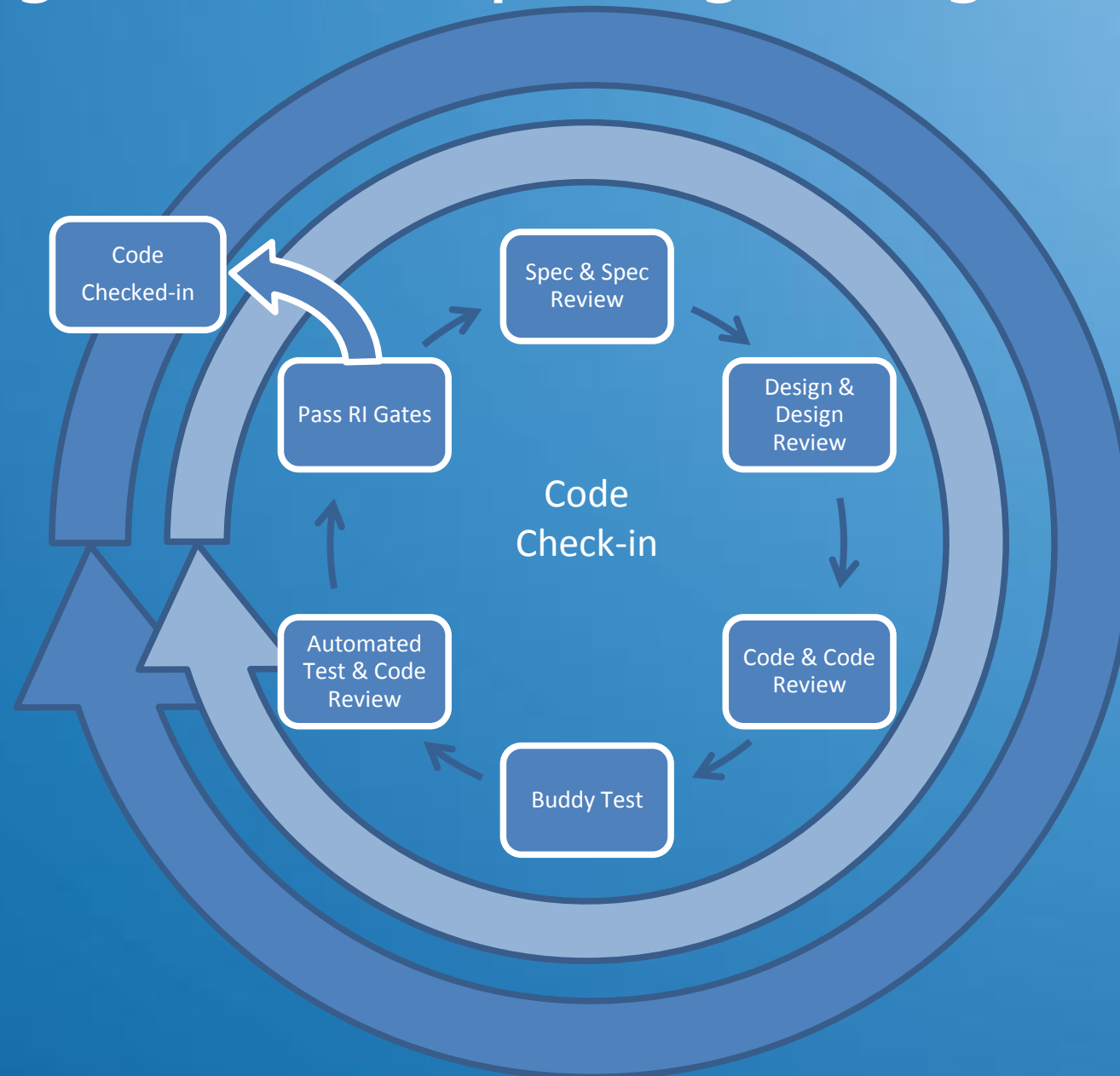
Microsoft Product Lifecycle

Microsoft Security Development Lifecycle

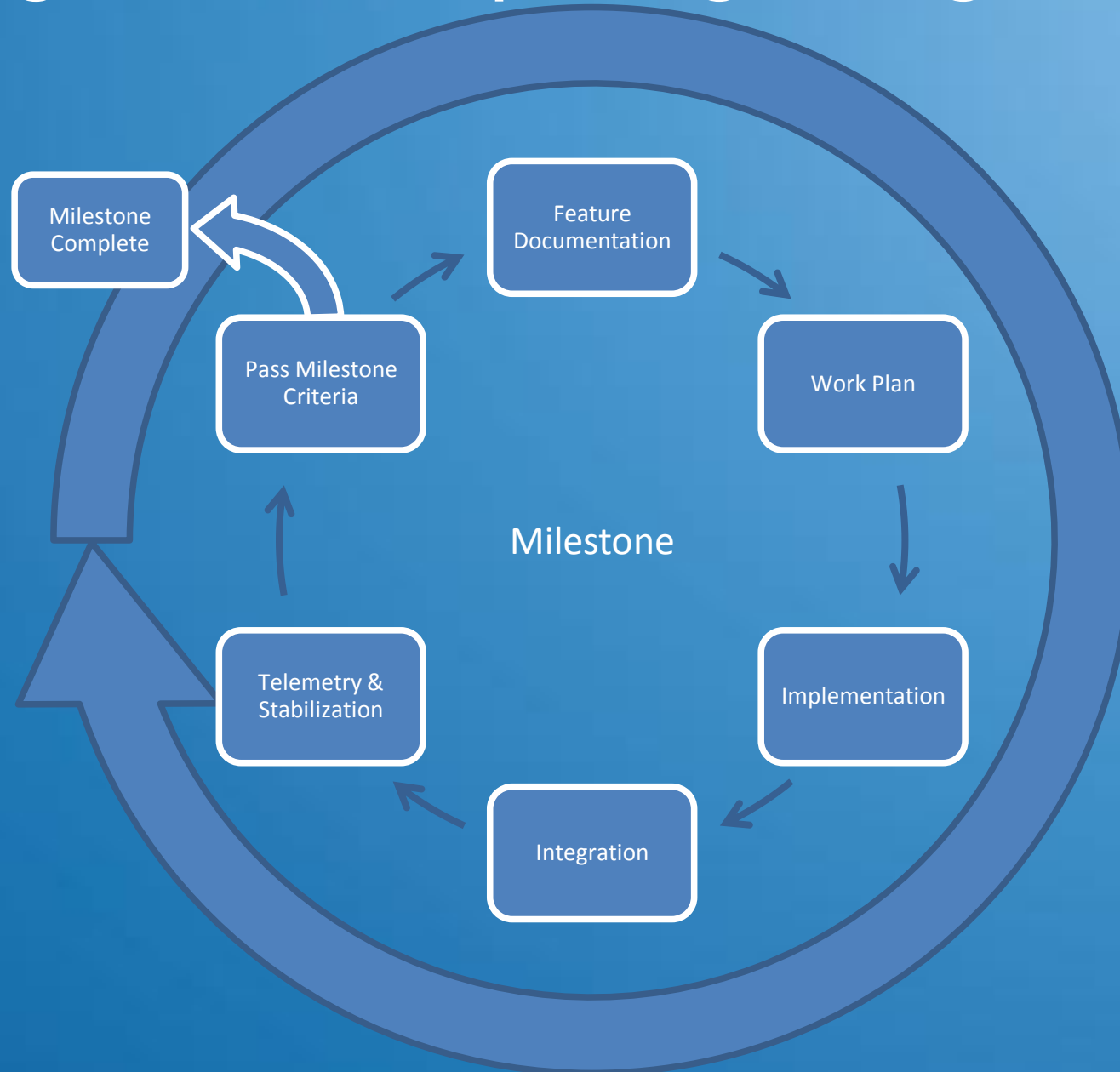
Engineering Windows 7: Operating the engineering system



Engineering Windows 7: Operating the engineering system



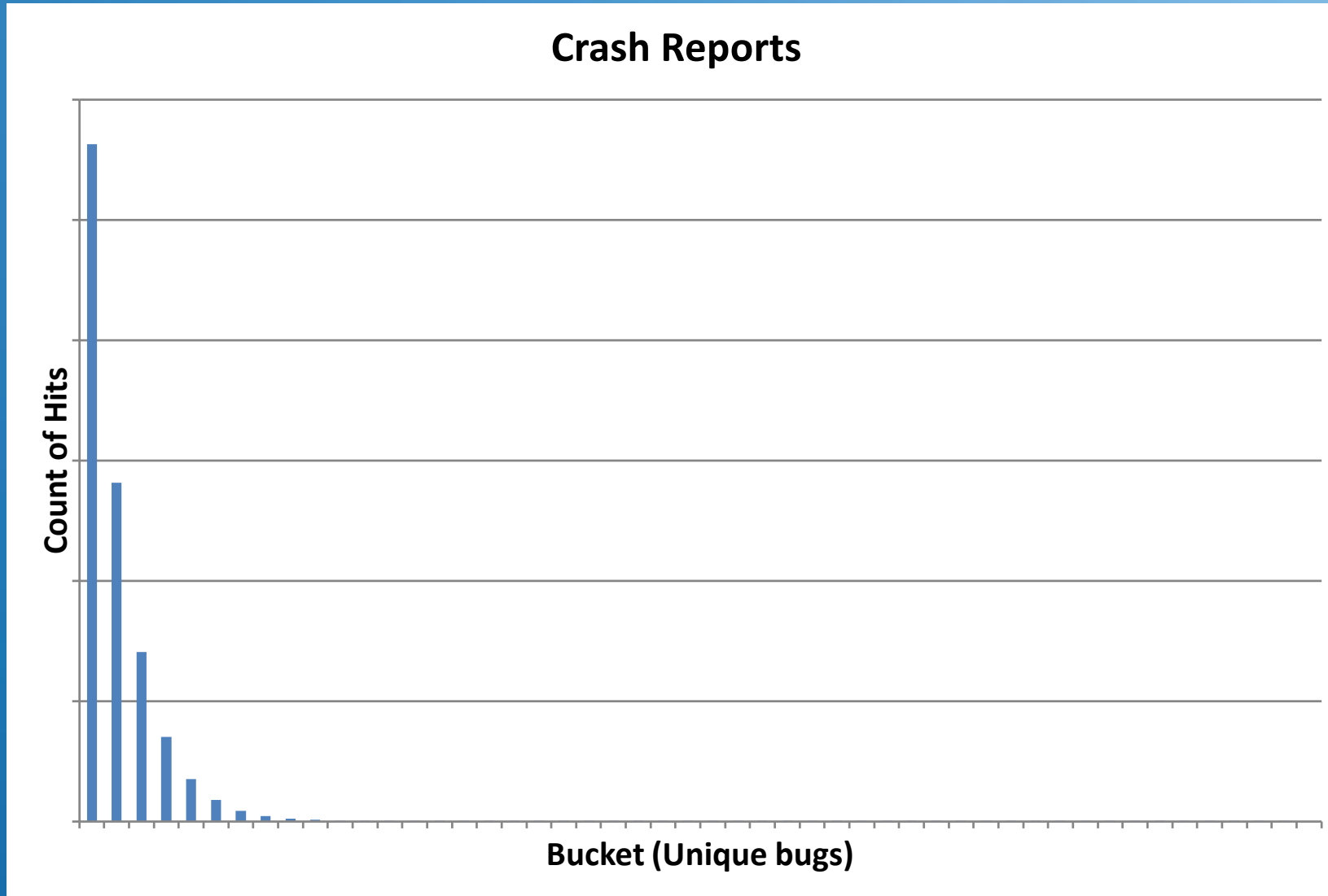
Engineering Windows 7: Operating the engineering system



Engineering Windows 7: Driving quality through telemetry



Engineering Windows 7: Driving quality through telemetry



Engineering Windows 7: Basic engineering system principles

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Danke!