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# Connecting to Team System Across the Enterprise

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Teamprise

# Agenda

- Who we are
- What is Team System
- Team System Adoption
- Deploying Team Foundation Server
- Demo
- Conclusions

# Teamprise the company

- Division of SourceGear
- Focused on creating products that extend Team Foundation Server to UNIX, Macintosh and Java developers



# SourceGear company background

- Founded 1997
- Headquarters in Champaign, IL
- SourceOffSite, SourceGear Vault
- Customers include



# Visual Studio Team System

VISUAL STUDIO 2005 TEAM EDITION FOR SOFTWARE ARCHITECTS		VISUAL STUDIO 2005 TEAM EDITION FOR SOFTWARE DEVELOPERS		VISUAL STUDIO 2005 TEAM EDITION FOR SOFTWARE TESTERS		VISUAL STUDIO TEAM TEST LOAD AGENT
Application Modeling		Dynamic Code Analyzer		Load Testing		
Logical Infrastructure Modeling		Static Code Analyzer		Manual Testing		
Deployment Modeling		Code Profiler		Test Case Management		
				Web Testing		
		●———— Unit Testing —————●				
		●———— Code Coverage —————●				
●————		———— Class Modeling —————		————●		
●————		———— Visio and UML Modeling —————		————●		
●————		———— Team Explorer —————		————●		
●————		———— Visual Studio Professional Edition —————		————●		
VISUAL STUDIO 2005 TEAM FOUNDATION		Change Management	Reporting	Integration Services		
Build	Work Item Tracking	Project Site	Project Management			

# Team Foundation Server

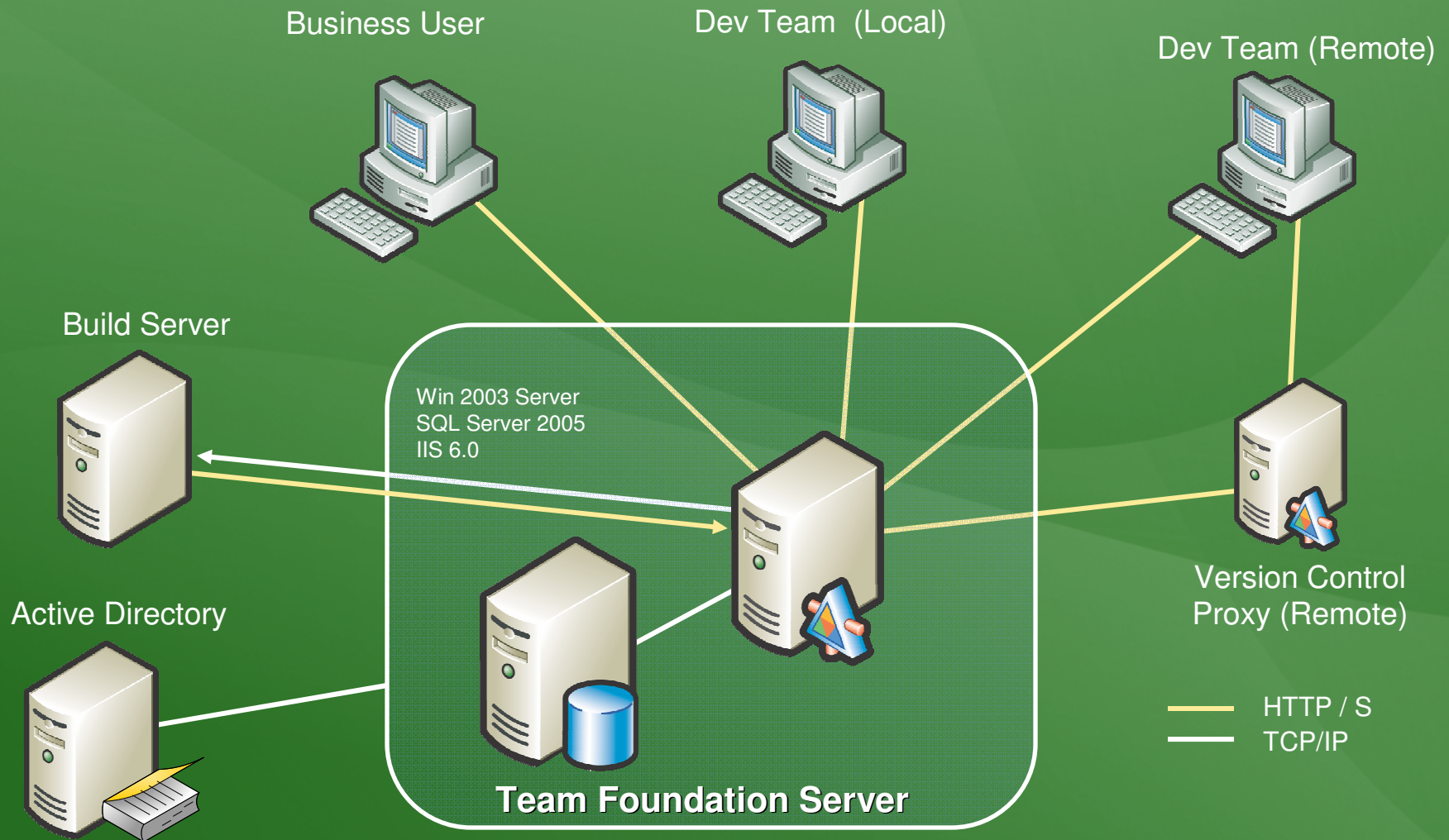
<b>VISUAL STUDIO 2005 TEAM FOUNDATION</b>	Change Management	Reporting	Integration Services
Build	Work Item Tracking	Project Site	Project Management

# Challenges in IT

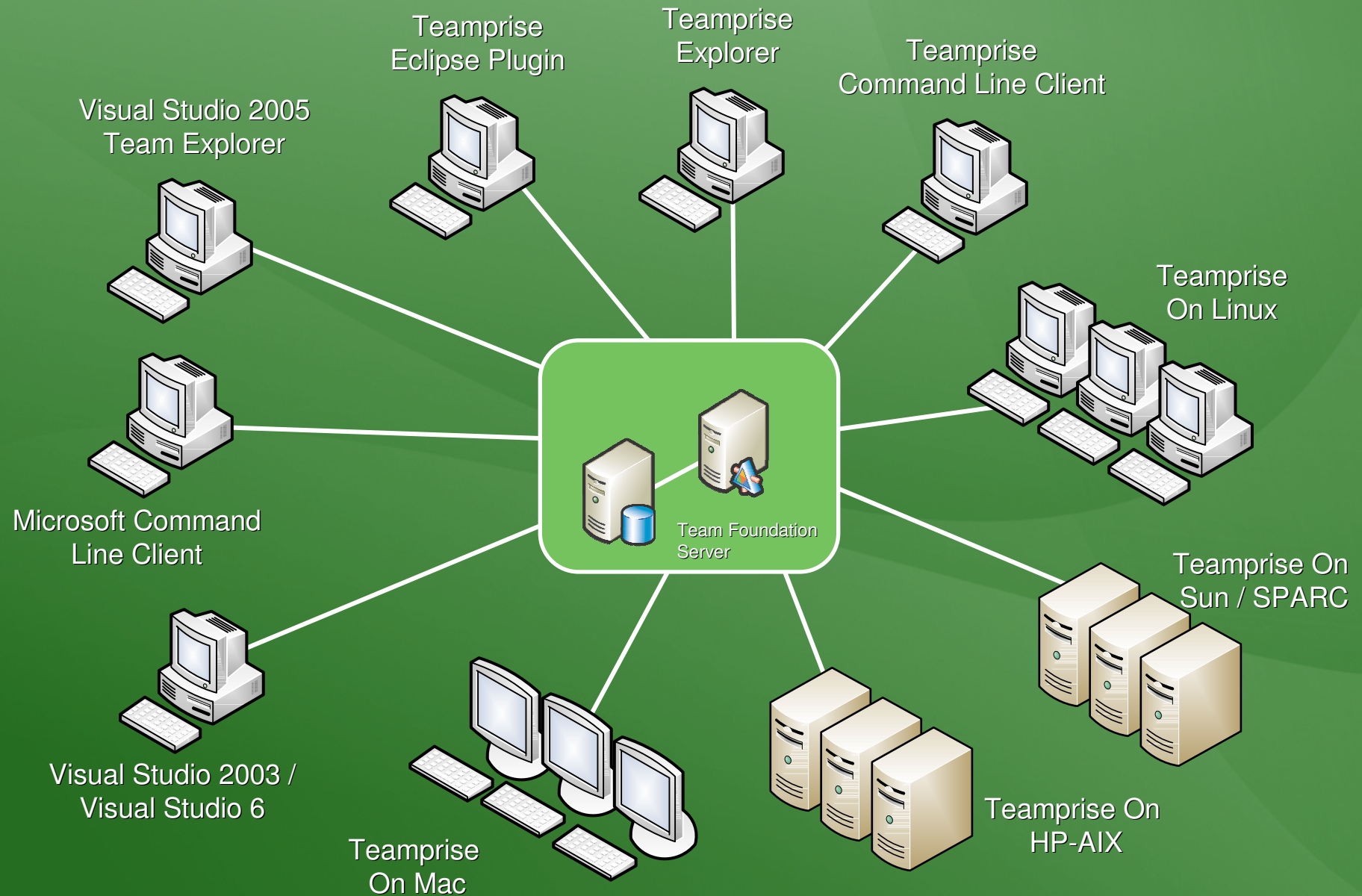
- Main pain points
  - Communication
    - Tracking of work
    - Traceability of requirements
  - Distributed Version Control
- All reduce time spent on development



# Team System Deployment



# Team Foundation Server Clients



# Capacity Planning

Team Size	TFS Config	Model	CPU	Memory	Disk
100	Single Server	Dell PowerEdge 1850	1 x 3.4Ghz	1GB	1 x 10k rpm SCSI
200	Single Server	Dell PowerEdge 1850	1 x 3.4Ghz	2GB	1 x 10k rpm SCSI
400	Single Server	Dell PowerEdge 1850	2 x 3.4Ghz	2GB	1 x 10k rpm SCSI
800	Dual Server	HP Proliant DL580 G2	AT: 1 x 2.8Ghz DT: 2 x 2.7Ghz	AT: 1GB DT: 4GB	12 x 15k SCSI Raid 0
2000	Dual Server	HP Proliant DL580 G2	AT: 1 x 2.8Ghz DT: 4 x 2.7Ghz	AT: 1GB DT: 16GB	12 x 15k SCSI Raid 0
3500	Dual Server	Dell PowerEdge 1850 Unisys ES7000/600	AT: 2 x 2.8Ghz DT: 8 x 2.8Ghz	AT: 4GB DT: 32GB	XIOTech SAN (2TB, RAID 10)

Source: <http://blogs.msdn.com/bharry/archive/2006/01/04/509314.aspx>



# Rising to the Challenge

- Main Strengths
  - Communication
    - Tracking of work
    - Traceability of requirements
  - Distributed Version Control
- All increase time spent on development



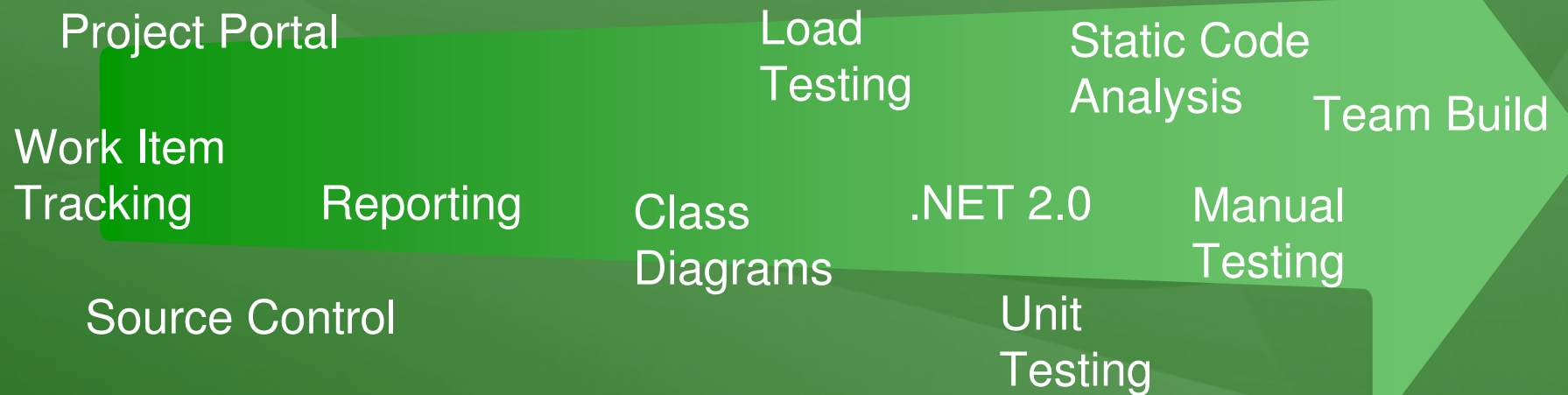
# Team System VC vs VSS

	VSS	Team System
Full Get	1.5 hours	7.5 minutes
Get Latest	15 minutes	3 seconds
Right Click	3.5 seconds	0 Seconds
Navigate	4.5 Seconds	0 Seconds

Proxy

**X 28**

# Team System Adoption

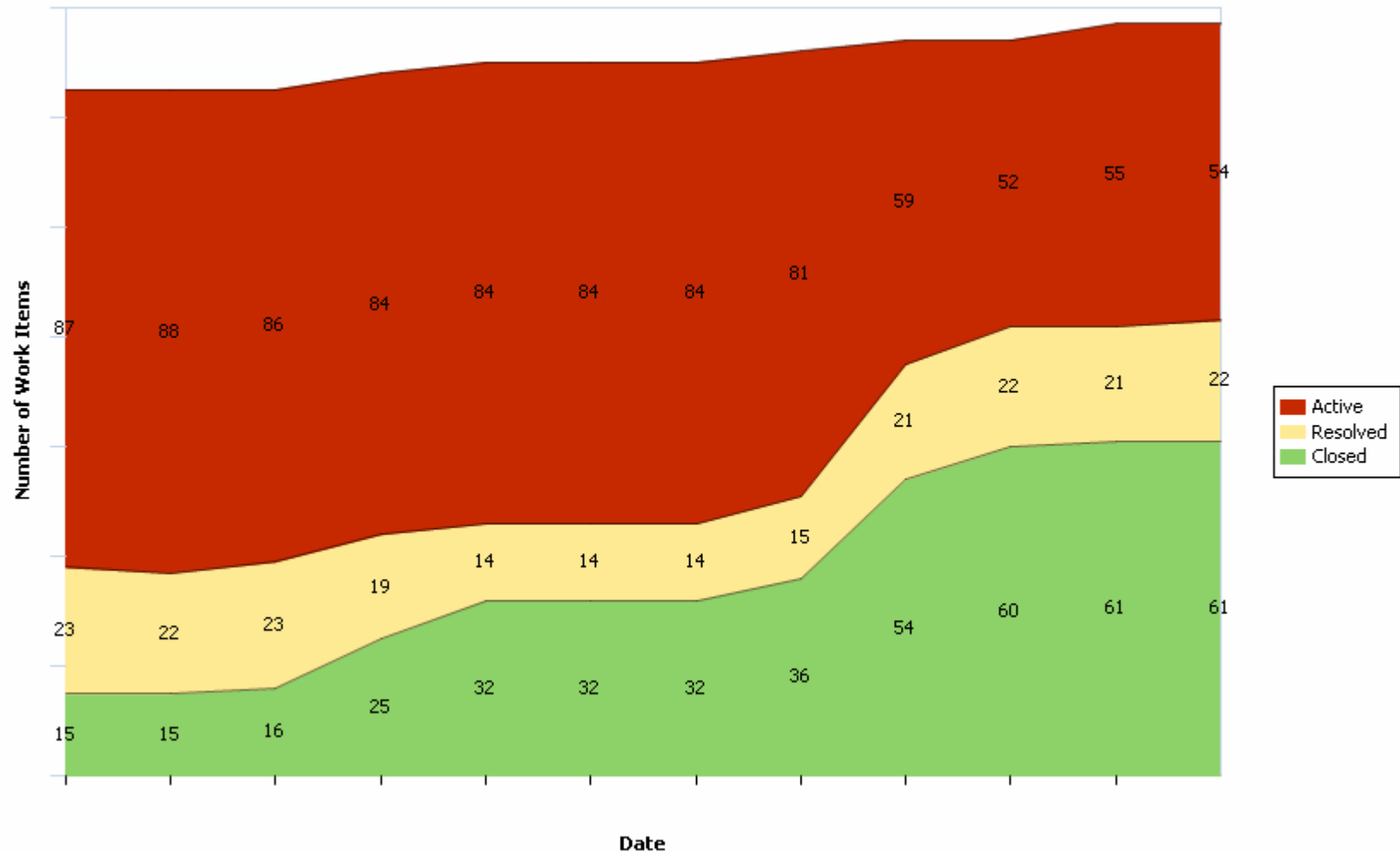


*demo*

*Accessing Team Foundation Server*

# Example Report

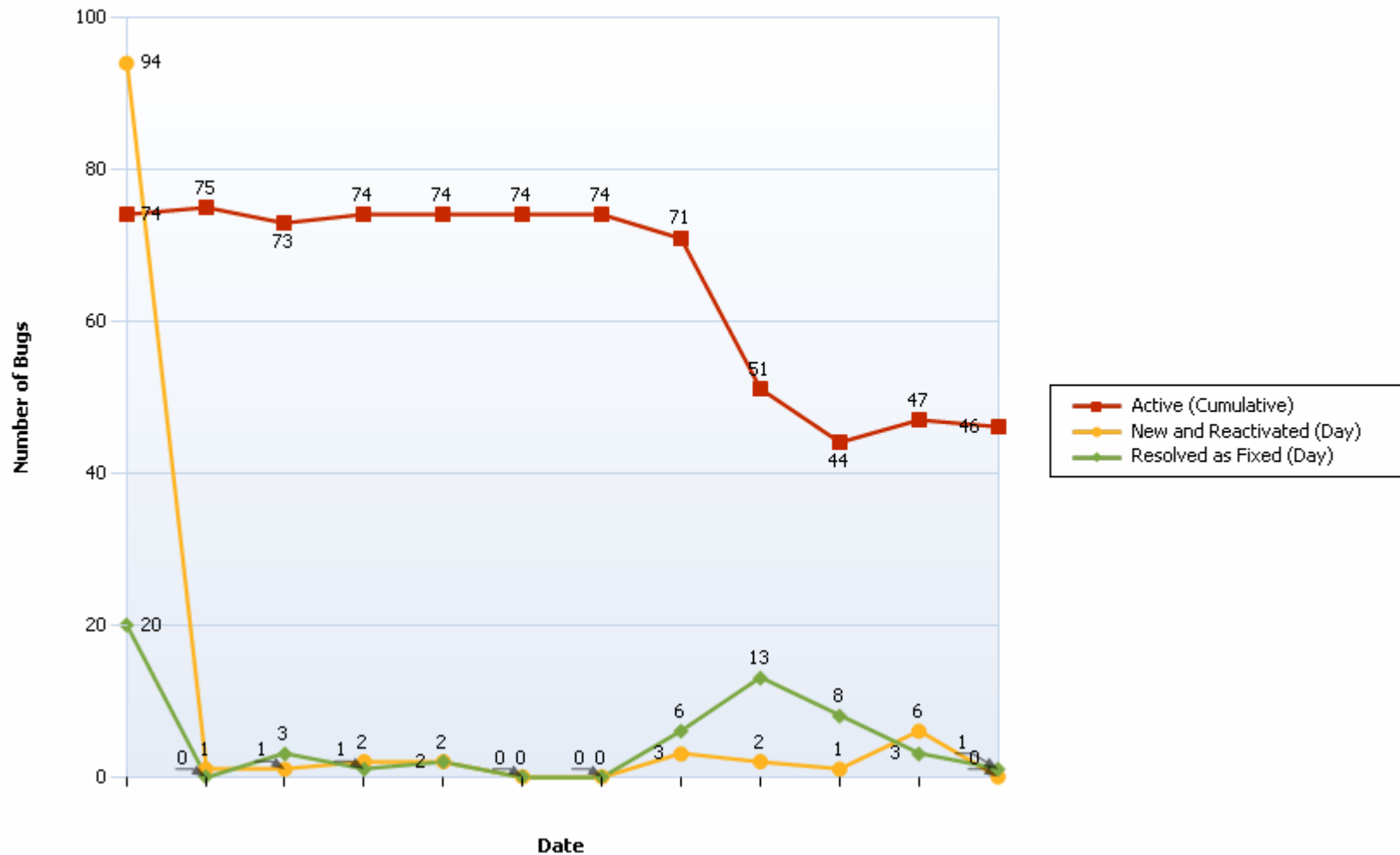
How much work is left and when will it be done?





# Example Report

How effectively are we finding, fixing and closing bugs?



# Teamprise Client Suite

- Client applications for accessing the source control and work item tracking features of Visual Studio 2005 Team Foundation Server from outside the Visual Studio IDE
- 100% Java (built on the Eclipse platform)
- 3 client interfaces
  - Eclipse plug-in
  - Explorer client
  - Command-line client

# Teamprise Plug-in for Eclipse

- Perform source control and work item tracking operations to TFS from within the Eclipse IDE
- Supported on Eclipse 3.0, 3.1, RAD 6.0, etc.
- Standard Eclipse “Team Provider” Plug-in

# Teamprise Explorer Client

- Eclipse RCP application
- Designed to look and feel like the Visual Studio 2005 Team System Source Control Explorer



# Teamprise Command-line Client

- Uses the same syntax as Microsoft's CLC
- Ideal for scripted use

# Availability

- Preview Program ([www.teamprise.com](http://www.teamprise.com))
- Version 1.0
  - Q1 2006
  - Shortly after release of Team Foundation Server
- Version 2.0
  - Q3 2006
  - Features will include
    - Remaining source control features (Shelve, Branch... )
    - Full work item tracking support

# Learning More

- Sam Guckenheimer, Room 201, 10.30am
- Rick LaPlante Keynote, Theatre 12.30pm
- Randy Miller, Room 201, 1.45pm
- Rob Caron's Blog:  
<http://blogs.msdn.com/robcaron>
- Team System Rocks:  
<http://www.teamsystemrocks.com>

# Question and Answer

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