

Project Management Institute

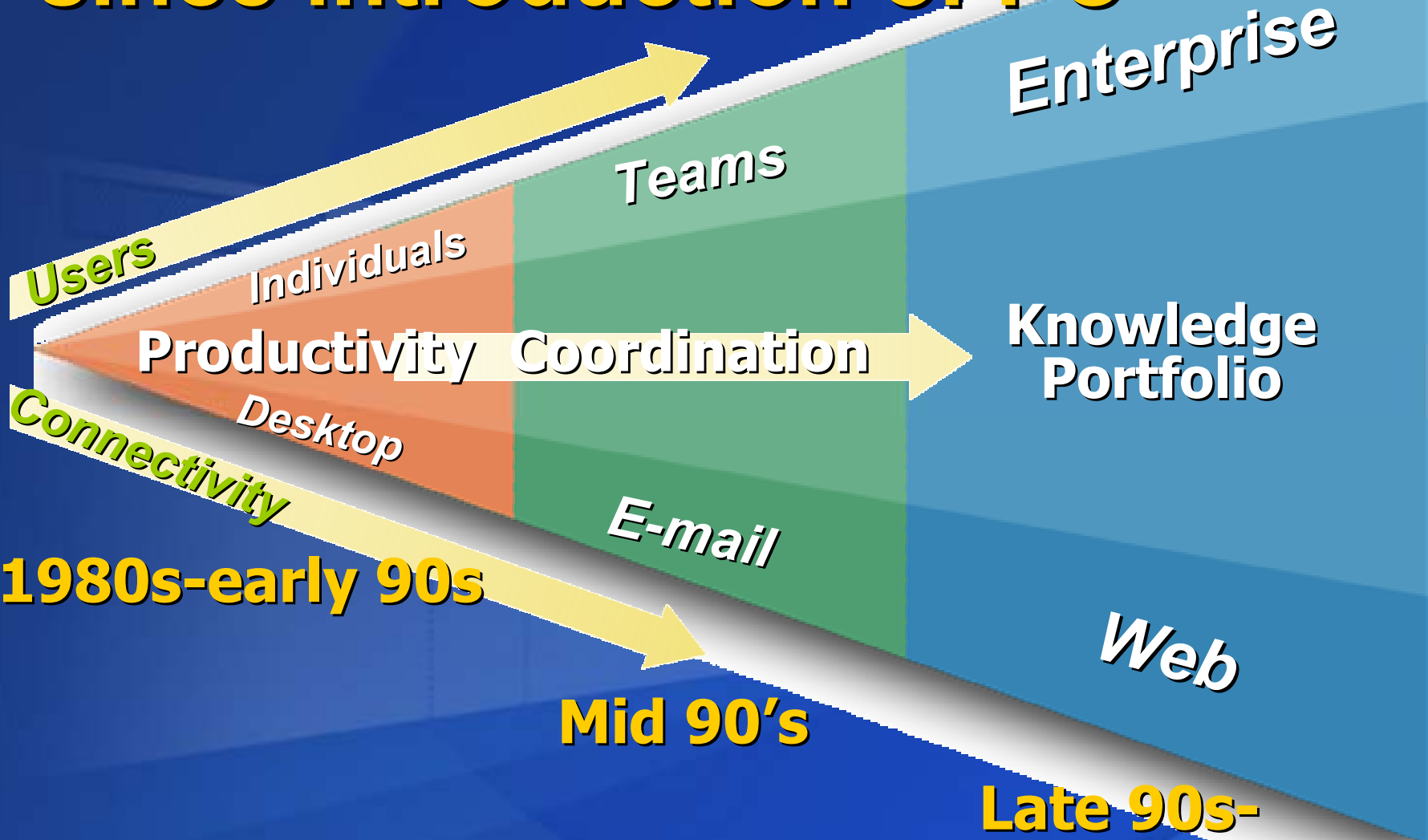
Sydney, Australia

June 2001

Trends in PM Tools

**Bill Olford
Program Manager
Microsoft Corporation**

Evolution of PM Tools since introduction of PC

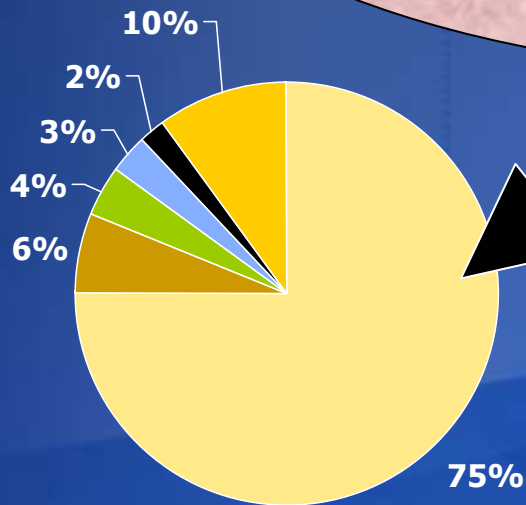
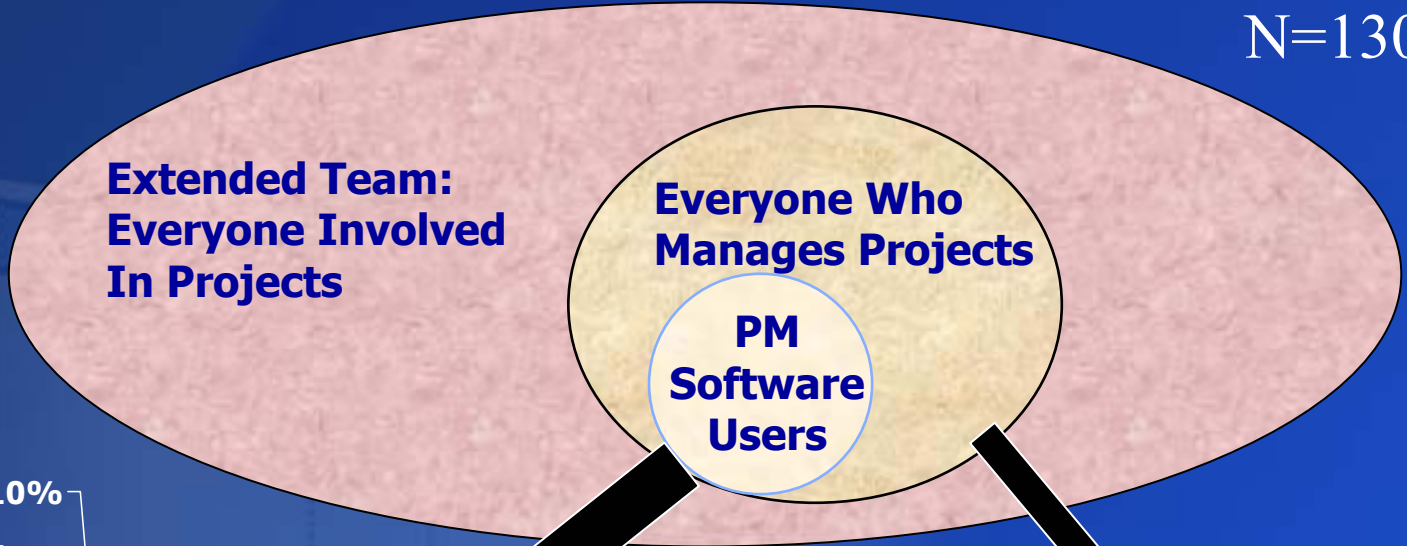


Changing Usage

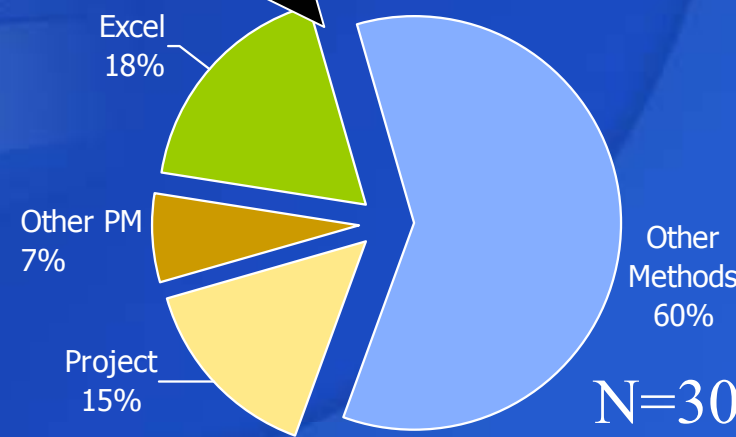
- **Organizations**
 - **Matrix**
 - **Multi-project**
 - **Non-project projects**
- **Knowledge Workers**
 - **IS/IT**
 - **Pharmaceutical**
 - **Financial**

Today's Project Management Universe

N=130m

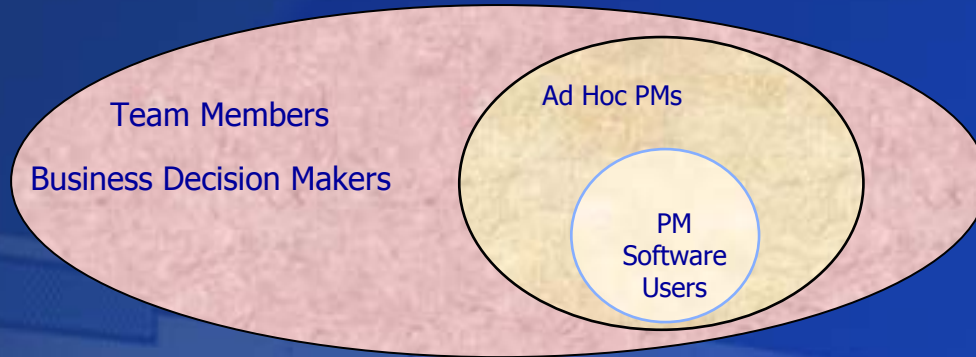


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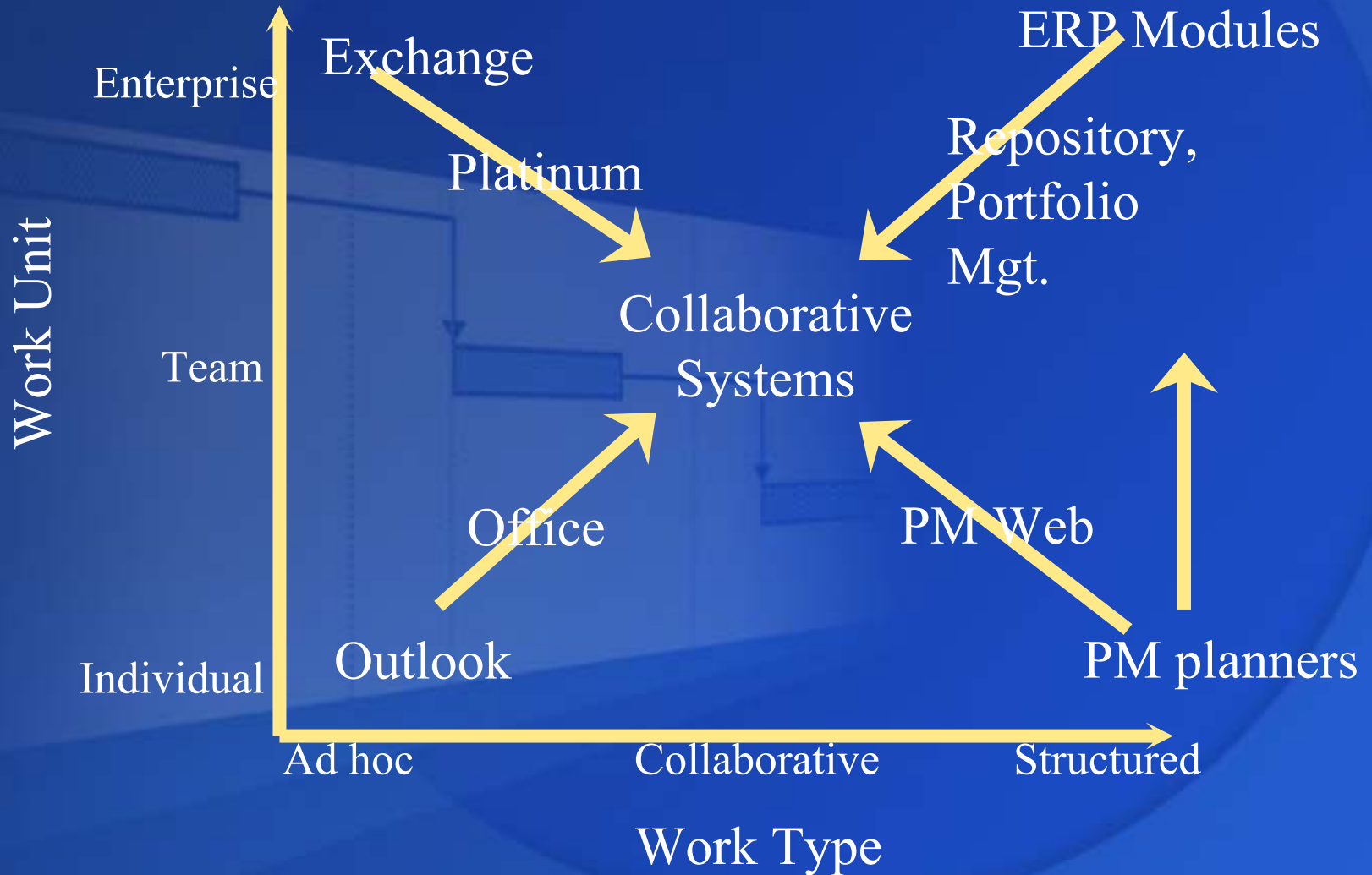
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Roles and Requirements



- **Team Members:**
 - Minimal input, help me do my job
- **BDM, Resource Managers:**
 - Timely, accurate overview
- **Ad Hoc Project Manager:**
 - Ease of use, integration with everyday applications
- **PM Software Users:**
 - One source of all project data

Usage Trend



Elements of Collaboration

- **Project statusing for Team Members**
- **Document management**
- **Threaded discussions**
- **Notifications/Alerts**
- **Project issues tracking**
- **Workflow eg. phases through routing**

Documents/Discussions/Issues

Home - Microsoft Internet Explorer

Address http://localhost/tent/

Home | Documents | Discussion Boards | Lists | Create | Site Settings | Help | Microsoft Project Central

Home

High Altitude Tent team collaboration site

Home








Quick Launch

- Shared Documents
- General Discussion
- Contacts
- Tasks

Search Documents

Go

Shared Documents [Add new document](#)

File Name
 Project Charter
 Scope document
 Proposed budget - High Altitude Tent
 Executive project overview 7-2000
 Executive project overview 4-2000
 Executive project overview 1-2000
 Executive project overview 10-2000

General Discussion [Add new discussion](#)

Subject

- Task 30 - customer sample group
 - Task 30 - customer sample group
- Task 14 - Lab scale product
 - Task 14 - Lab scale product
 - Task 14 - Lab scale product
- The project is over budget
 - The project is over budget
 - The project is over budget
- The project is over budget

Microsoft

SharePoint
Team Services

Done Local intranet

Notifications and Alerts

- Users receive E-mail notifications of triggering events
- E-mail gives key data and direct web page link for details
- Users want to “subscribe” to notifications
- PMs want to “publish” notifications
- Managers want to set Alerts

Web Users per Project Manager



Legend

- = Uses Resource Managers
- = Construction / Manufacturing
- = IT departments
- = ProfServicesAuto

Add Mobility

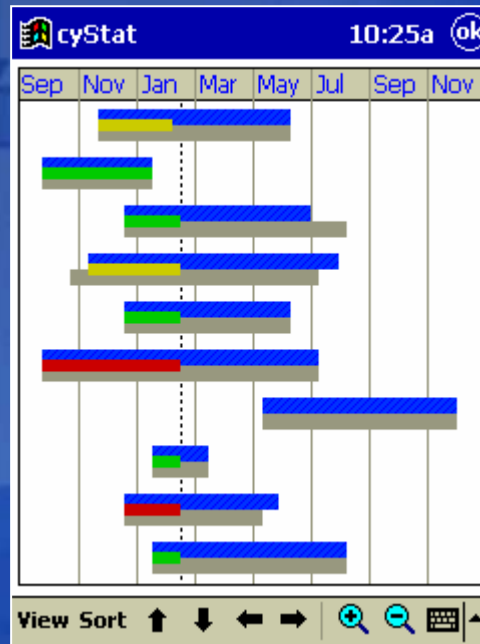
- **The web enables:**
 - Real time information
 - Easy deployment
 - Access to key players throughout the enterprise
- **Mobility technology adds:**
 - Reach people anywhere, anytime
 - A connection between headquarters and the field

Mobile Device Support

- Take projects/resources off-line
- Executive reporting
- Team Member status

cyStat 10:24a	
Projects	Finish(P)
● Behind Schedule	6/13/01
● Completed	1/19/01
● Early Finish	7/3/01
● Late Start	8/1/01
● On Track	6/13/01
● Over Budget	7/12/01
● Proposed	12/4/01
● Short Duration	3/18/01
● Sliding Schedule	5/30/01
● Under Budget	8/10/01

New View Format Tools P \$\$\$



cyStat 9:24a ok			
Project Portfolio			
Projects	10	Overall Project Status	
Managers	7	● On Track	6 60%
Clients	8	● At Risk	2 20%
Organizations	5	● Recovery	2 20%
Budget	Revenue	Cost	GP
Base	\$7,283,232	\$3,871,676	46%
Plan	\$7,283,232	\$3,896,676	46%
Actual	\$5,135,173	\$1,808,257	64%
3Q00	4Q00	1Q01	2Q01
Schedule			
Budget			
View	↑ ↓	⚠	📅

Enterprise Requirements

- **Standards for consistency**
 - **Calendars**
 - **Resources**
 - **Views**
- **Security – check out/in**
- **Scalability – multi-user, multiproject**
- **Role-based interface**
- **LOB system integration**

Resource Management

- Focus is on better utilization of resources
 - Usage across projects visible
 - Management oriented reporting/query functions
- Tasks are assigned to resources
- Aimed at line managers as well as PMs
- Interactive use, minimal dependence on reporting

Trends Summary

- 60s-70s: PM for the “specialists”
- 80s: PM for the “masses”
- 90s: PM for the “enterprise”
- 2001: PM as a *strategic information system* for the “extended enterprise” to **Manage by Projects** through web-based collaboration

From Tool to Platform

- Enable users to work however, whenever and wherever they want with distributed services
- Make information more readily available to users through radical ease of use
- A collaborative enterprise application that gives users a complete solution
- Make the user experience a better one by taking advantage of the best computing has to offer:
 - Graphical UI, Intranet/Extranet, Mobile platform
- A platform that can be customized/extended

Q & A - if we have time

Or email bolford@microsoft.com

Thank you

