

Welcome to Microsoft Office Visio 2007 Professional Advanced Concepts and Solutions



David Edson, M.Arch., MCP, Microsoft Visio MVP (david@visibility.biz)
Visibility.biz, CTO / Director of Consulting Services

"Visualizing Your Business"

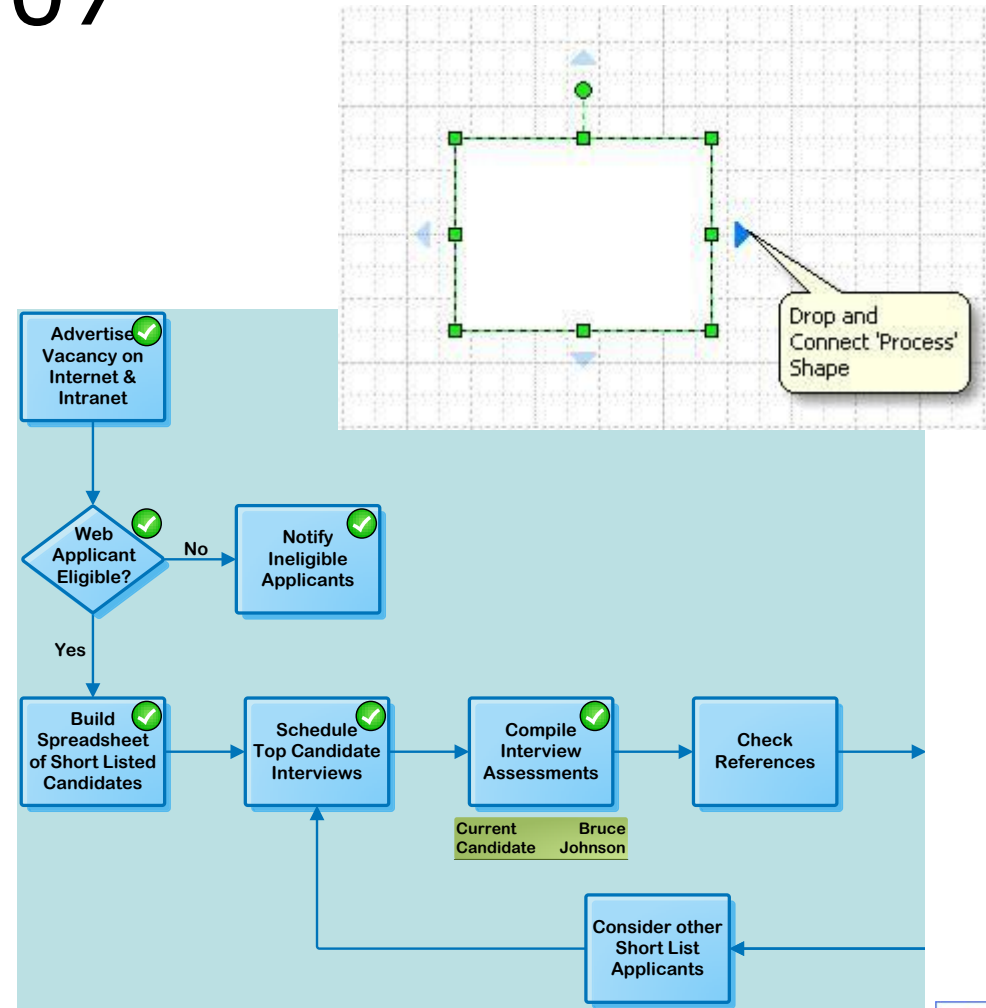


The Power of Visual Communication

- Speed Up Planning and Review
 - Productivity
- Make Better Decisions
 - Information Access
- Build Consensus
 - Collaboration
- Professional Impact
 - Effective & Efficient Communication

Introduction to Office Visio Professional 2007

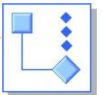
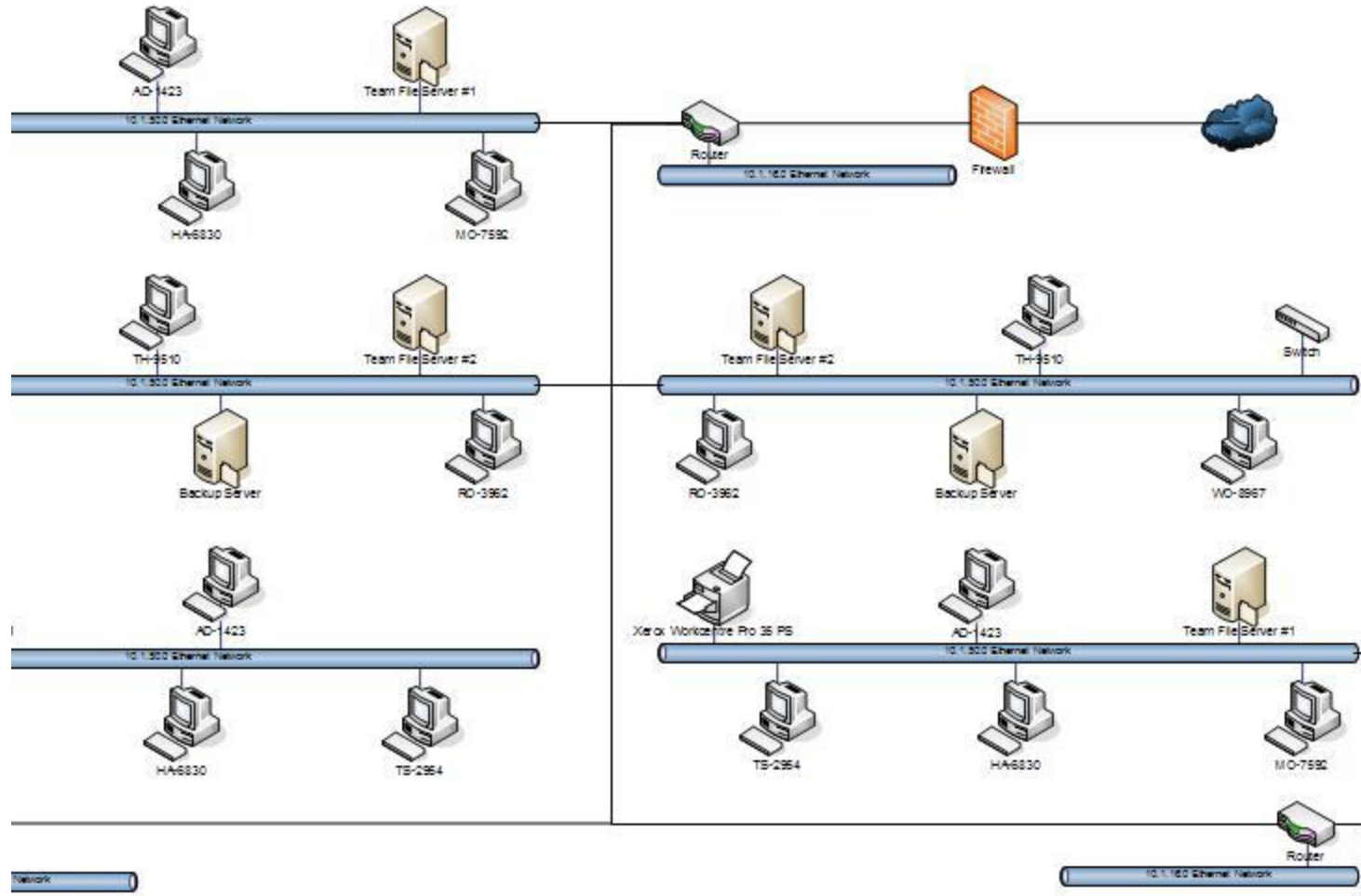
- New and enhanced shapes, templates, and features
- New Data Connectivity & Data Graphics
- Solutions across the Business Enterprise
- Powerful Collaboration and Publication Features
- Visio Solution Development : fast, easy and intuitive



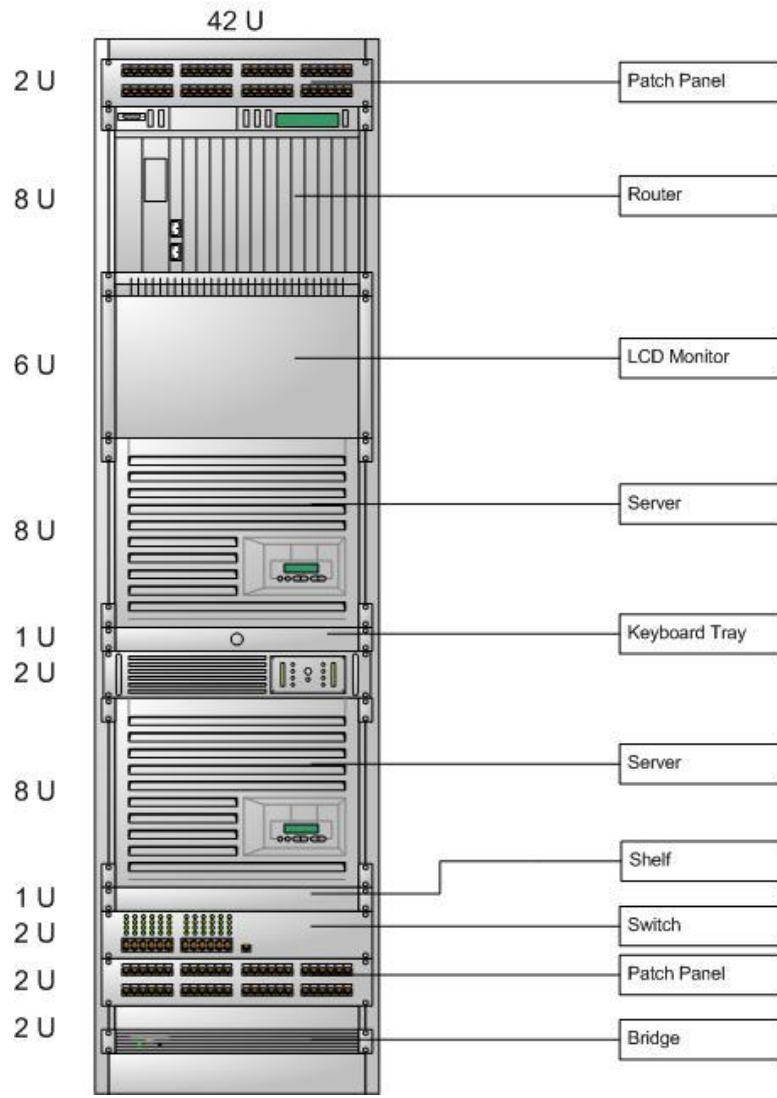
Boost Productivity – Information Access

- Enhanced Network Shapes
- Rack Diagrams
- Database Modeling
- Enhanced Project Timeline
- Web Mapping
- Active Directory Service
- UI Model
- Visio Saved as XML

Enhanced Network Shapes

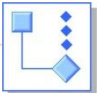


Physical Rack Configuration Diagram



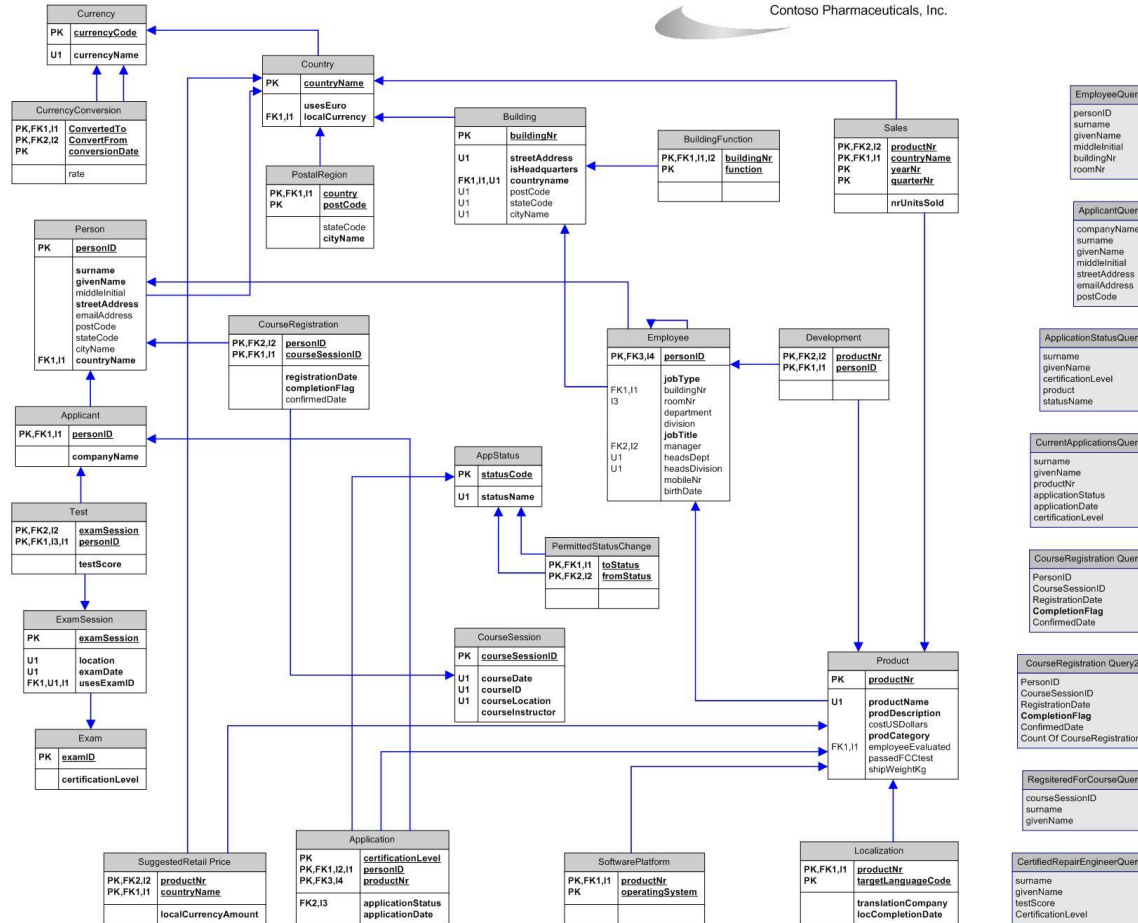
Rack Diagram

Contoso Corp.



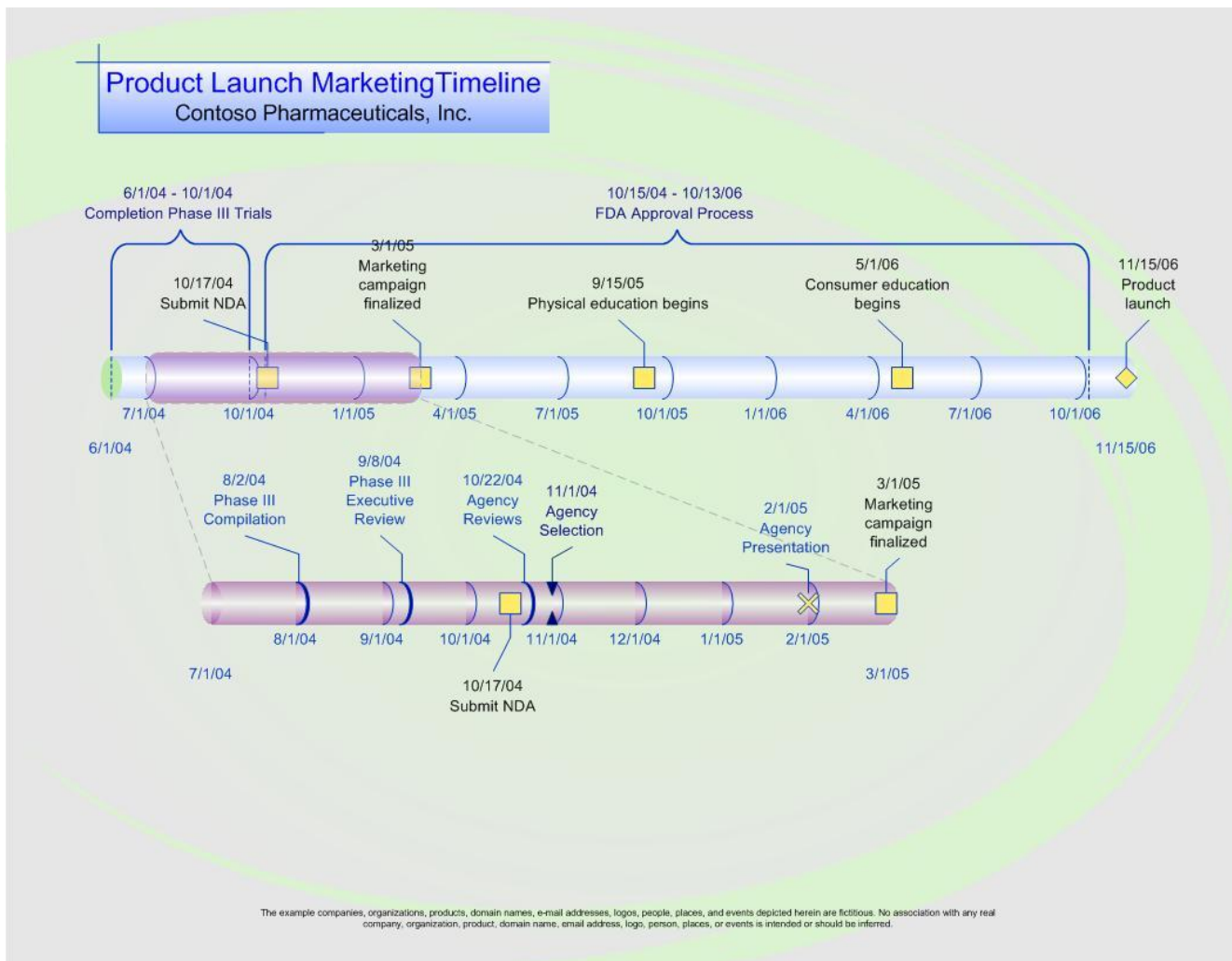
Reverse Engineer a Database

Relational Database Schema
Contoso Pharmaceuticals, Inc.

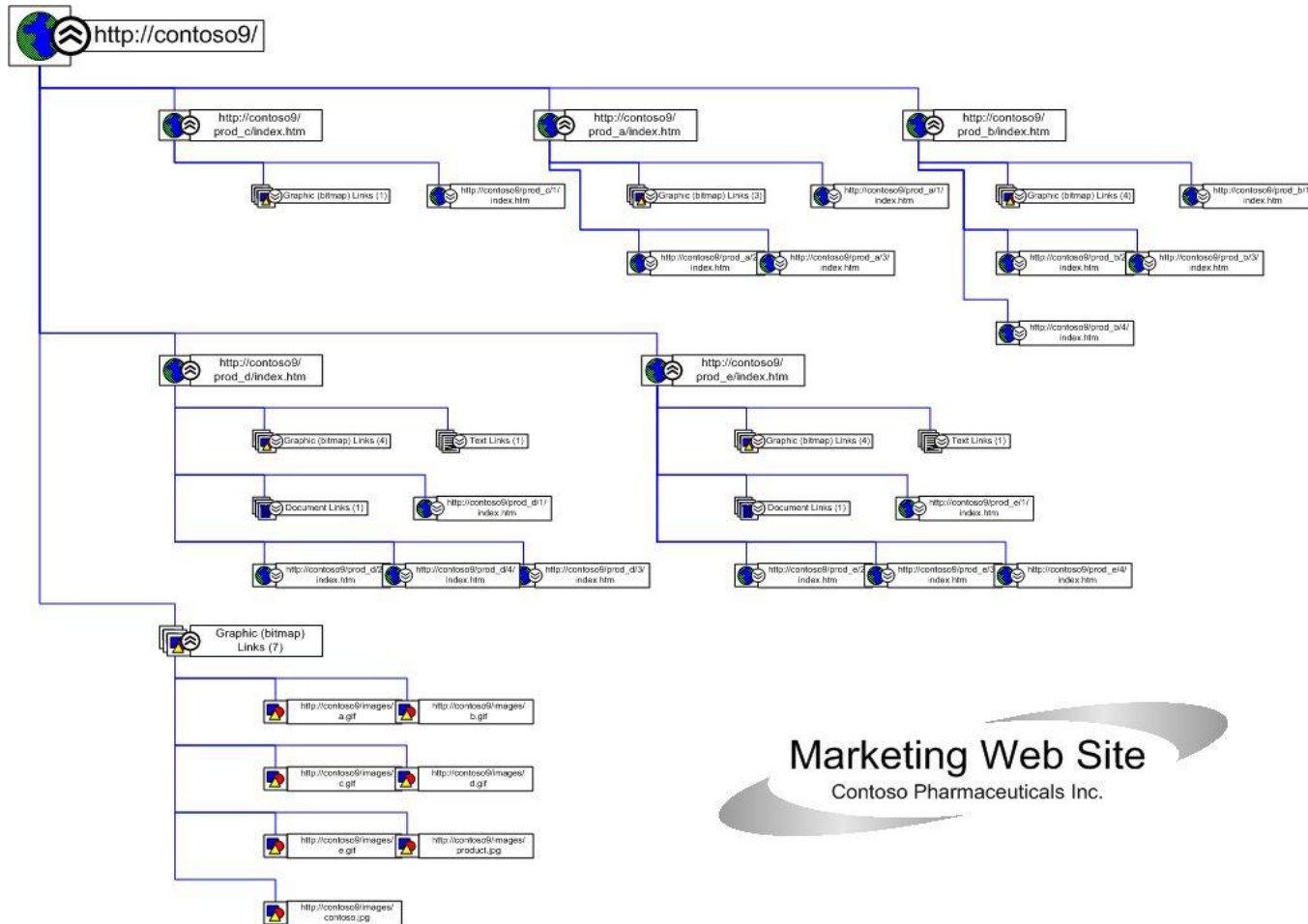


The example companies, organizations, products, domain names, e-mail addresses, logos, people, places, and events depicted herein are fictitious. No association with any real company, organization, product, domain name, email address, logo, person, places, or events is intended or should be inferred.

Create an Enhanced Microsoft Office Project Timeline



Web Mapping and Design

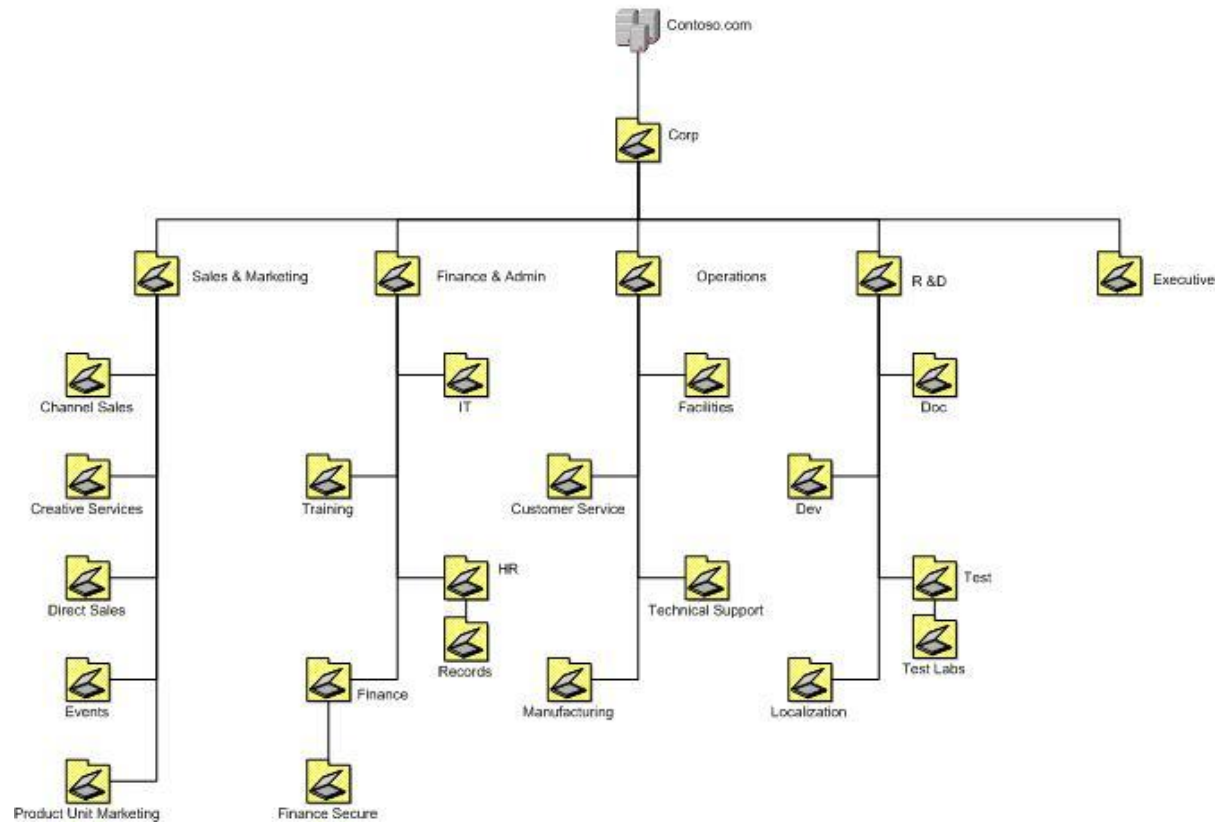


Marketing Web Site
Contoso Pharmaceuticals Inc.

The example companies, organizations, products, domain names, e-mail addresses, logos, people, places, and events depicted herein are fictitious. No association with any real company, organization, product, domain name, email address, logo, person, places, or events is intended or should be inferred.

Define an Active Directory Service

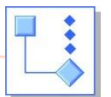
Proposed Active Directory Design
Container Objects Only



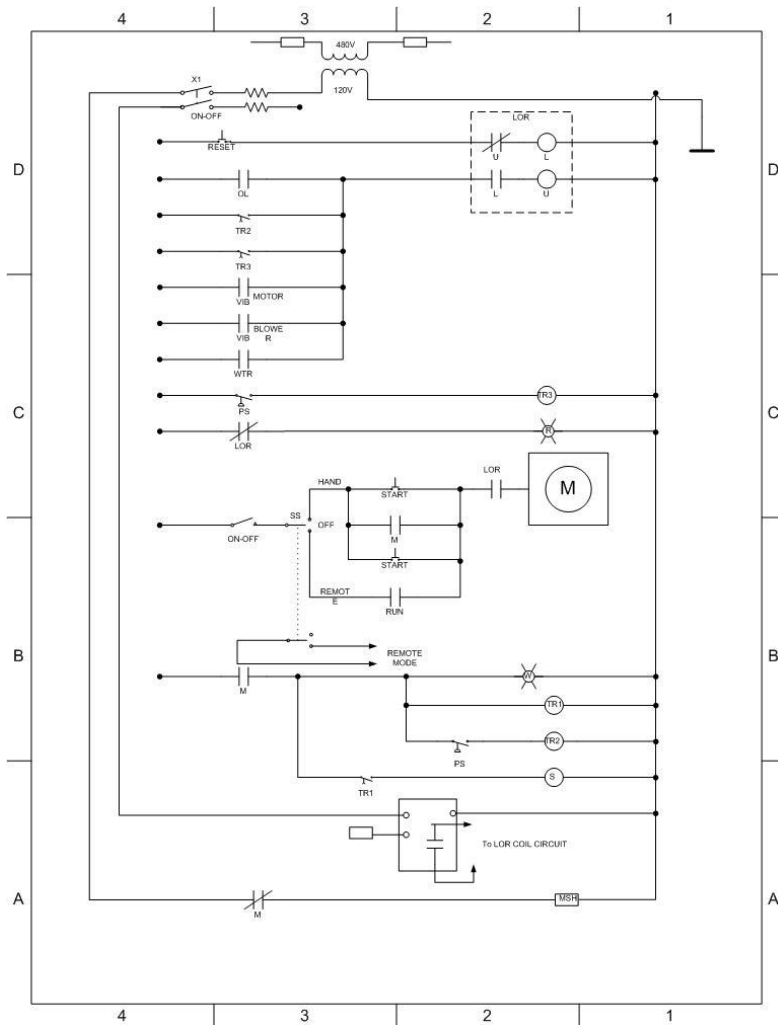
Plan a UI Model / Windows XP User Interface

The screenshot shows a Windows XP application window titled "Field Service Work Order". The window has a standard menu bar with "FILE", "EDIT", and "HELP". Below the menu bar is a toolbar with icons for file operations. The main content area is divided into several sections:

- Requested By:** A text input field.
- Office Location:** A text input field.
- Phone Number:** A text input field.
- Space:** A text input field.
- Email Address:** A text input field.
- Service:** A dropdown menu with "Comp. - Operating System" selected.
- Problem:** A dropdown menu with "Network Card Does Not Work" selected.
- Description:** A text area containing the text "No IP Address returned on PING".
- Assigned To:** A text input field.
- Date Assigned:** A date input field with a calendar icon.
- Opened By:** A text input field.
- Date Opened:** A date input field with a calendar icon.
- Closed By:** A text input field.
- Date Closed:** A date input field with a calendar icon.



Visio Saved As XML



```

</Icon><Connects><Connect FromSheet='8' FromCell='BeginX'
FromPart='9' ToSheet='6' ToCell='Connections.X2'
ToPart='101' /><Connect FromSheet='8' FromCell='EndX'
FromPart='12' ToSheet='6' ToCell='Connections.X1'
ToPart='100' /></Connects></Master></Masters><Pages><Page
ID='0' NameU=' Page-1' ViewScale='-1' ViewCenterX='4.2375'
ViewCenterY='5.5125'><PageSheet LineStyle='0' FillStyle='0'
TextStyle='0'><PageProps><PageWidth
Unit=' IN'>8.5</PageWidth><PageHeight
Unit=' IN'>11</PageHeight><ShdwOffsetX
Unit=' IN'>0.125</ShdwOffsetX><ShdwOffsetY Unit=' IN'>-
0.125</ShdwOffsetY><PageScale
Unit=' IN'>1</PageScale><DrawingScale
Unit=' IN'>1</DrawingScale><DrawingSizeType>0</DrawingSizeTy
pe><DrawingScaleType>0</DrawingScaleType><InhibitSnap>0</In
hibitSnap><UIVisibility>0</UIVisibility><ShdwType>0</ShdwTy
pe><ShdwObliqueAngle>0</ShdwObliqueAngle><ShdwScaleFactor>1
</ShdwScaleFactor></PageProps><XForm><PinX>0</PinX><PinY>0<
/PinY><Width>1</Width><Height>1</Height><LocPinX
F=' Width*0'>0</LocPinX><LocPinY
F=' Height*0'>0</LocPinY><Angle>0</Angle><FlipX>0</FlipX><Fl
ipY>0</FlipY><ResizeMode>0</ResizeMode></XForm><PageLayout>
<ResizePage F=' Inh'>0</ResizePage><EnableGrid
F=' Inh'>0</EnableGrid><DynamicsOff
F=' Inh'>0</DynamicsOff><CtrlAsInput
F=' Inh'>0</CtrlAsInput><PlaceStyle
F=' Inh'>0</PlaceStyle><RouteStyle>1</RouteStyle><PlaceDepth
F=' Inh'>0</PlaceDepth><PlowCode
F=' Inh'>0</PlowCode><LineJumpCode
F=' Inh'>1</LineJumpCode><LineJumpStyle
F=' Inh'>0</LineJumpStyle><PageLineJumpDirX
F=' Inh'>0</PageLineJumpDirX><PageLineJumpDirY
F=' Inh'>0</PageLineJumpDirY><LineToNodeX
F=' Inh'>0.125</LineToNodeX><LineToNodeY
F=' Inh'>0.125</LineToNodeY><BlockSizeX
F=' Inh'>0.25</BlockSizeX><BlockSizeY
F=' Inh'>0.25</BlockSizeY><AvenueSizeX
F=' Inh'>0.375</AvenueSizeX><AvenueSizeY
F=' Inh'>0.375</AvenueSizeY><LineToLineX
F=' Inh'>0.125</LineToLineX><LineToLineY
F=' Inh'>0.125</LineToLineY><LineJumpFactorX
F=' Inh'>0.666666666666667</LineJumpFactorX><LineJumpFactorY
F=' Inh'>0.666666666666667</LineJumpFactorY><LineAdjustFrom
F=' Inh'>0</LineAdjustFrom><LineAdjustTo
F=' Inh'>0</LineAdjustTo><PlaceFlip
F=' Inh'>0</PlaceFlip><LineRouteExt
F=' Inh'>0</LineRouteExt><PageShapeSplit>0</PageShapeSplit>
    
```



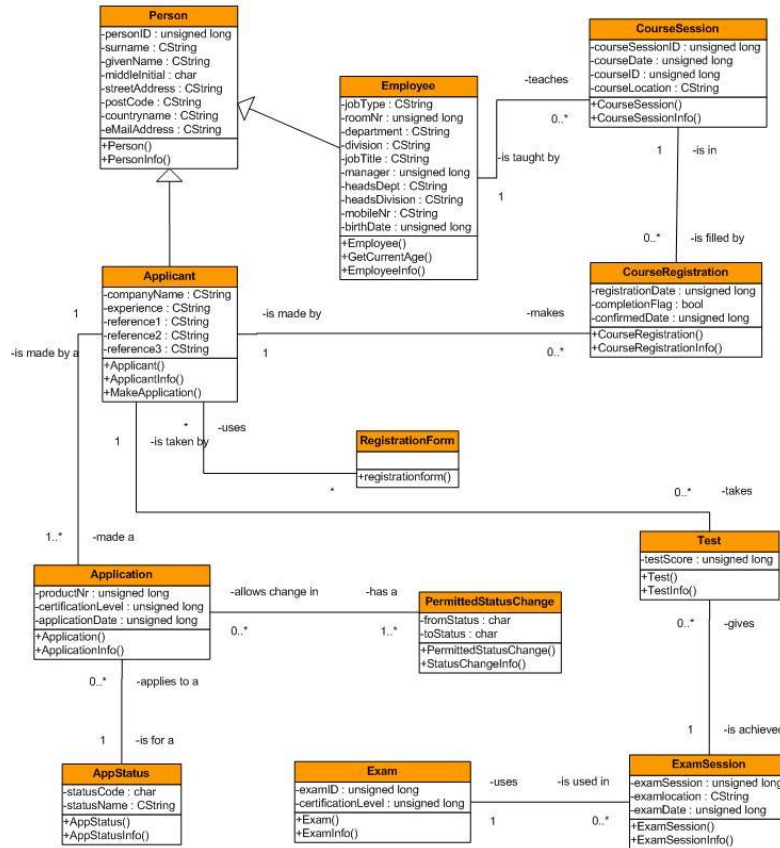
View Data in Diagrams

- Make Better Decisions

- Create Unified Modeling Language (UML) Diagrams
- Create a Work Breakdown Structure Pivot Diagrams
- Revise a Complex Installation Diagram

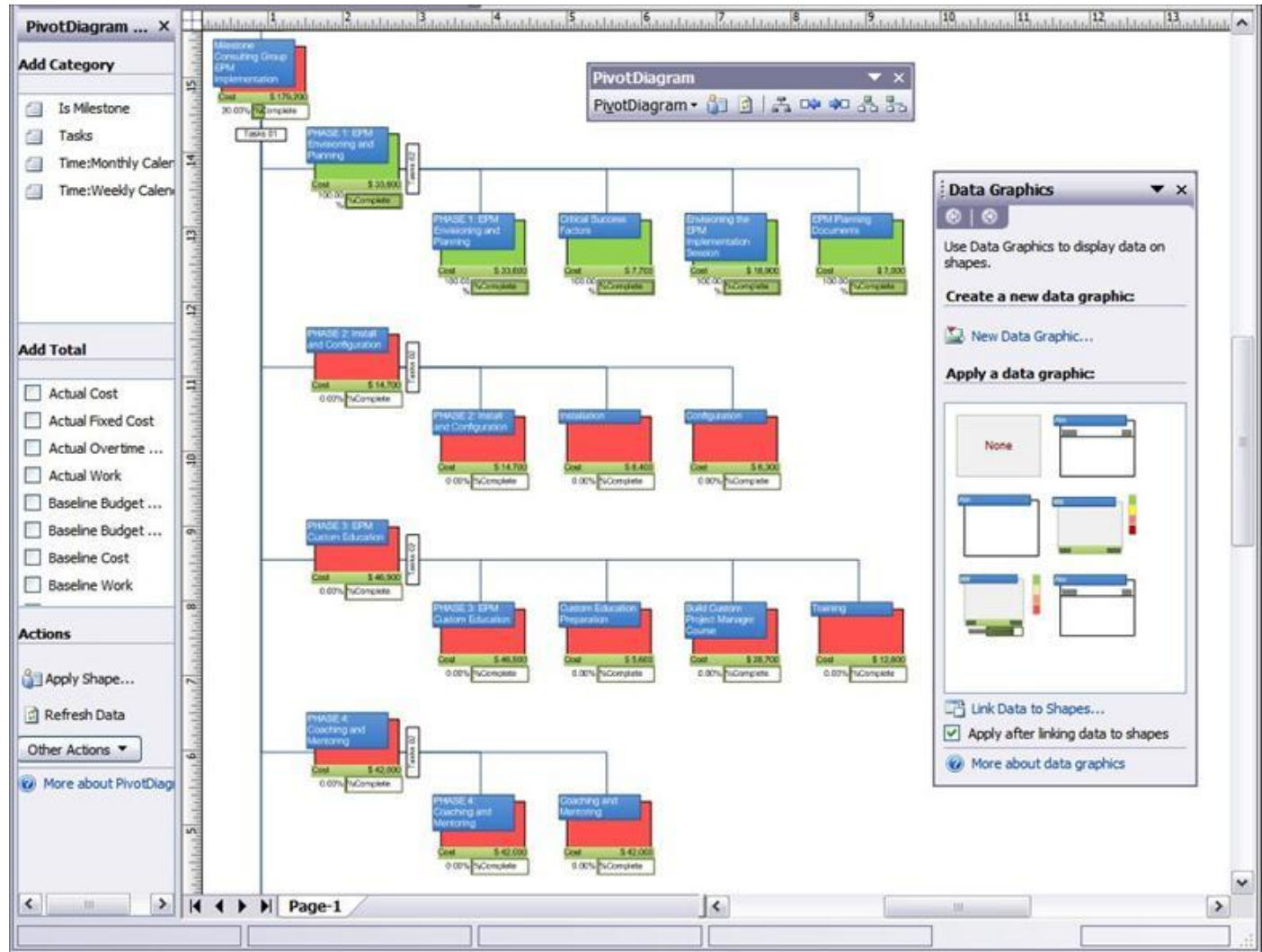
Unified Modeling Language (UML) Diagram

Contoso Pharmaceuticals, Inc.
Laboratory Certification System:
Static Structure Diagram

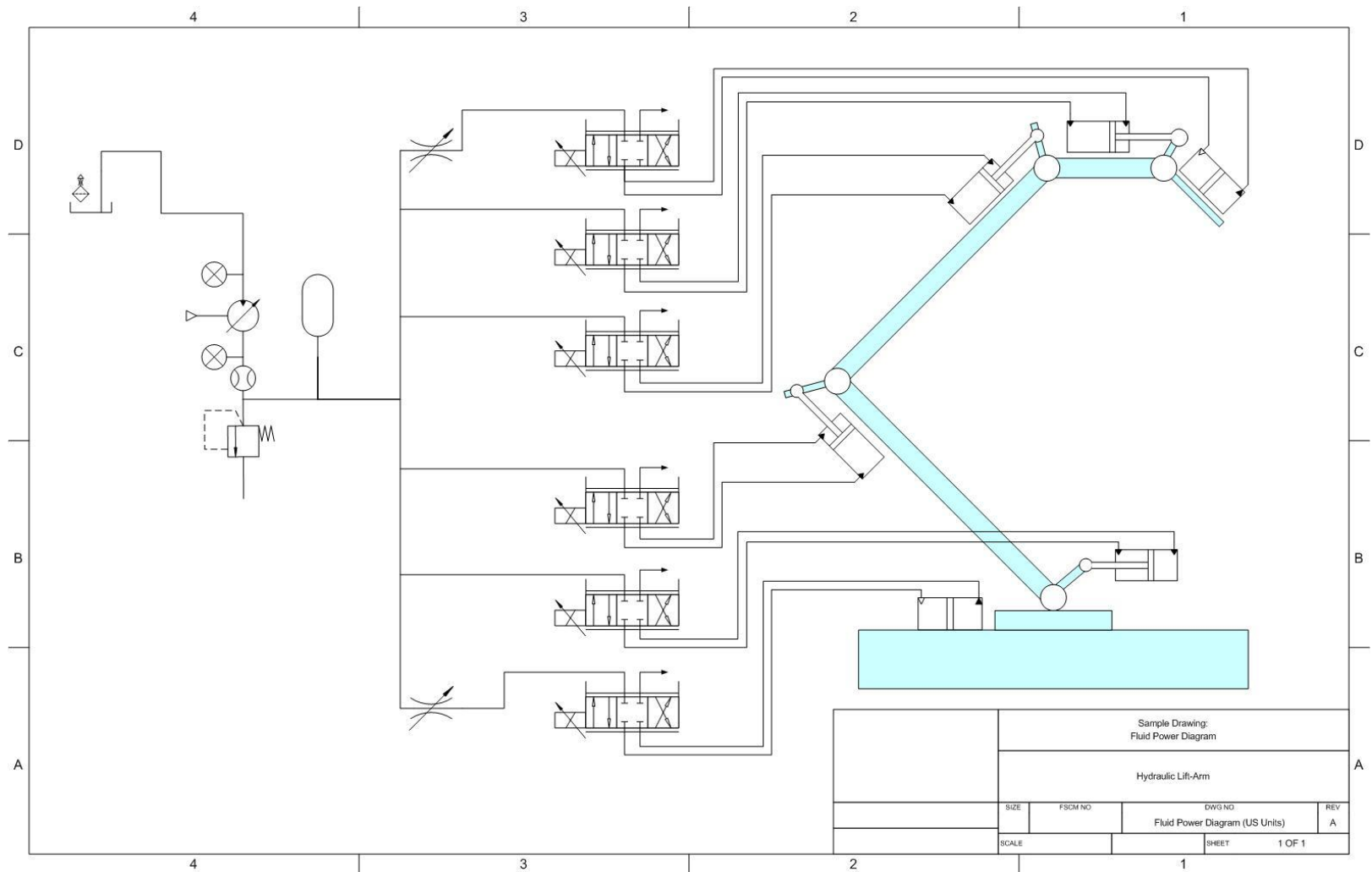


The example companies, organizations, products, domain names, e-mail addresses, logos, people, places, and events depicted herein are fictitious. No association with any real company, organization, product, domain name, email address, logo, person, places, or events is intended or should be inferred.

Create a Work Breakdown Structure Chart



Revise a Complex Installation Diagram





Microsoft

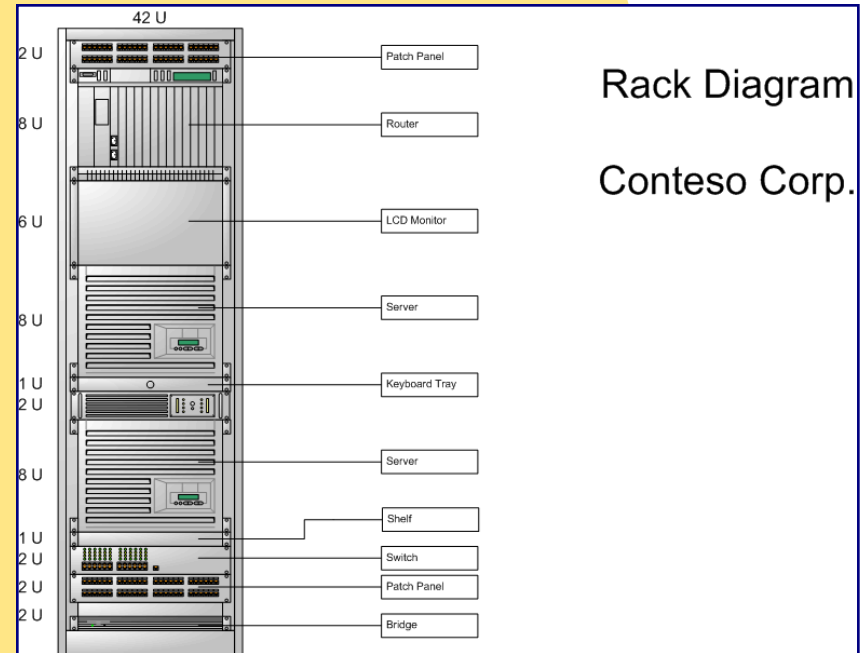
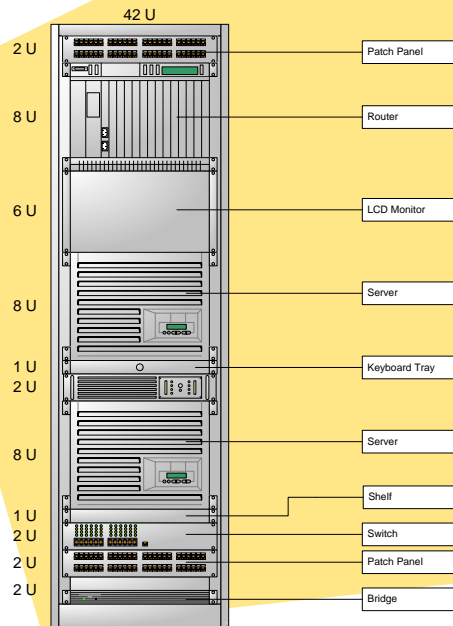
Break



Collaboration – Build Consensus

- Save a Rack Design as a Web Page
- Track Changes in a Network Diagram

Save a Rack Design as a Web Page



Rack Diagram
Conteso Corp.

Track Changes in a Network Diagram

The screenshot displays the Microsoft Visio 2007 interface with a network diagram titled "Network Diagram.vsd". The diagram features a central hub-and-spoke topology with multiple horizontal bus structures. A yellow callout box in the center of the diagram reads "Your document is now ready for review." The software's ribbon menu is visible at the top, including File, Edit, View, Insert, Format, Tools, Data, Shape, and Window. The Reviewing task pane on the right side is active, showing the current reviewer as "David Edson" and options to "Insert Comment" and "Track Markup". The Windows taskbar at the bottom shows the Start button and several open applications, including "Launchbar - M...", "C:\Documents...", "Visio 2007 Cor...", "Visio 2007 Ad...", and "Network Diagram...". The system clock indicates the time is 12:43 PM.

Professional Impact

- Effective & Efficient Communication

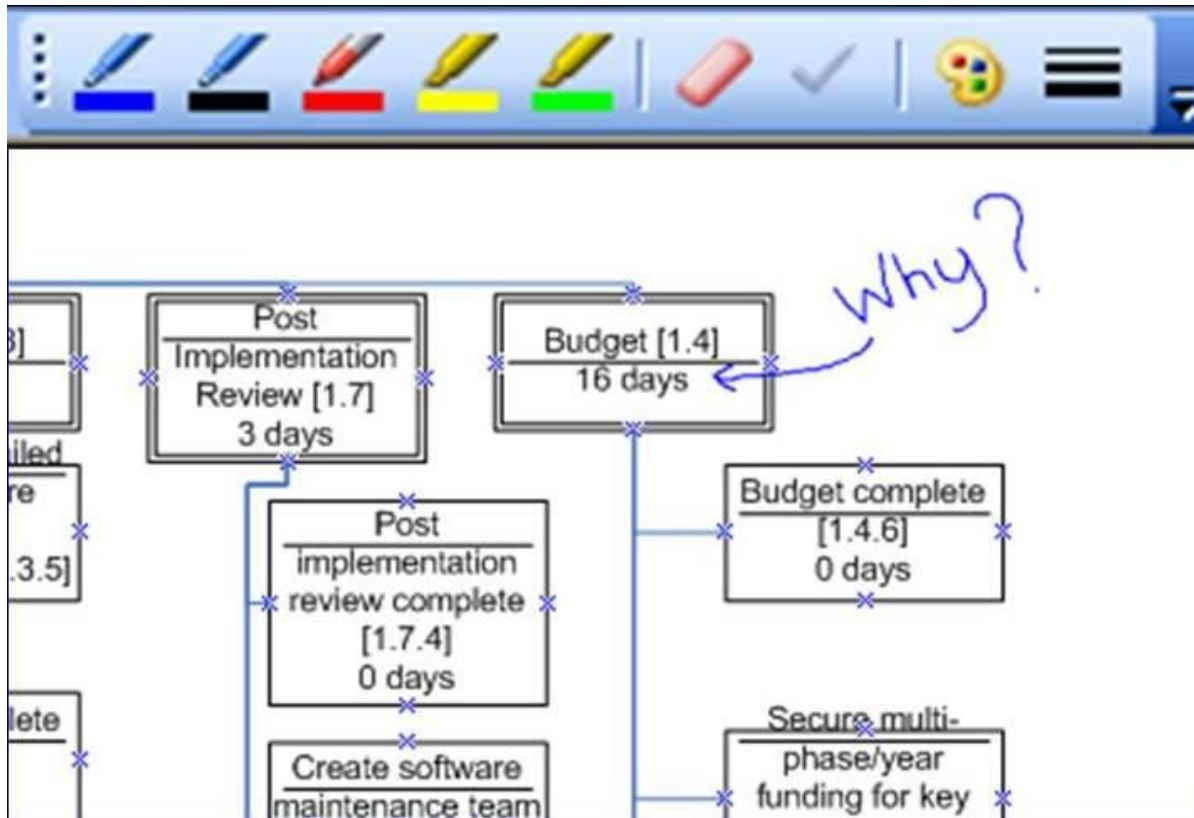
📌 **Visio and You – Mobile and Effective**
Meetings with Tablet PC support

📌 **Add comments dynamically**
Categories of annotation with dynamic ink

📌 **View Diagrams in a Workspace**
SharePoint site access

Visio and You

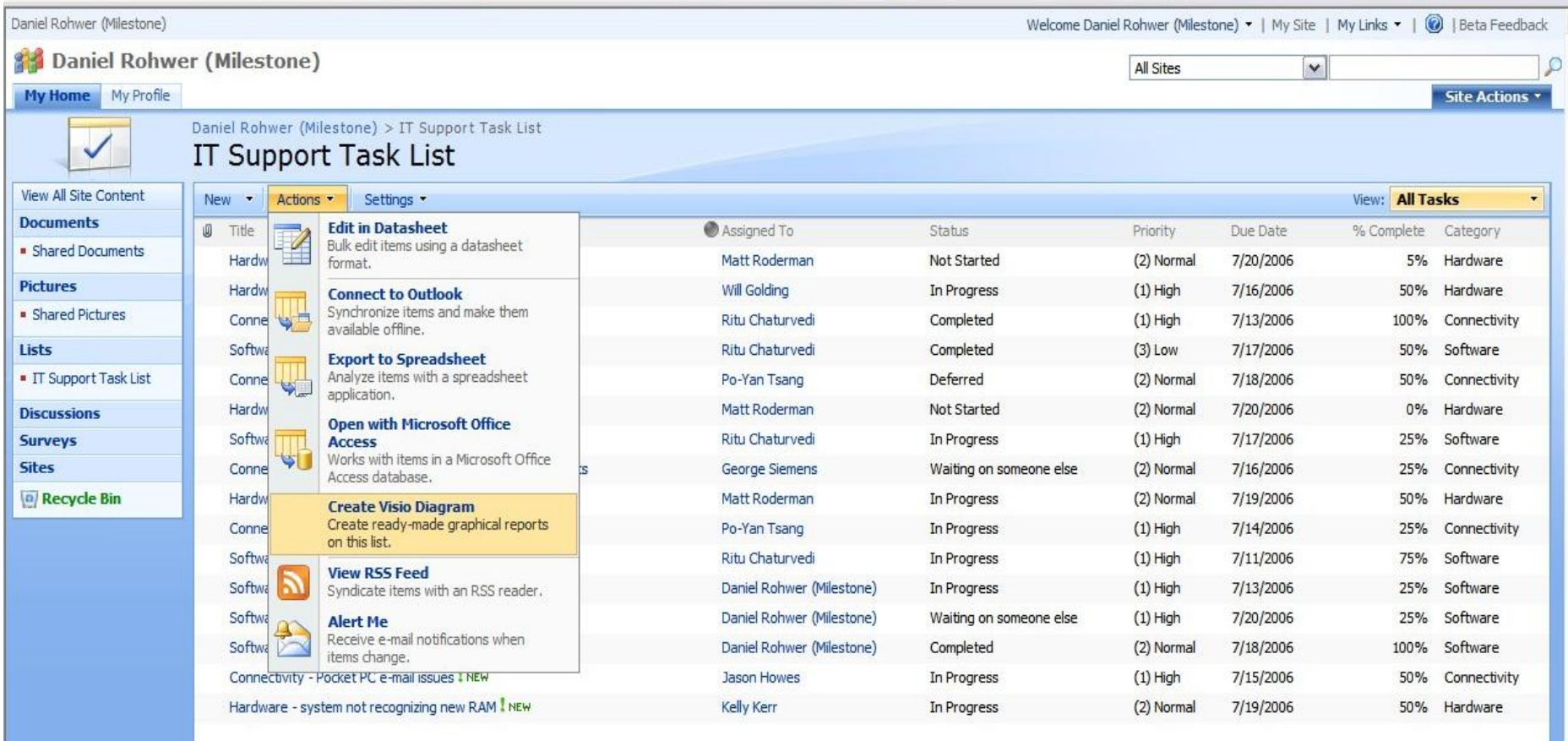
- Mobile and Effective



- Tablet PC support
- Dynamic Ink

Save as a Workspace

Publish diagrams to Microsoft Office SharePoint



The screenshot displays a SharePoint workspace for 'Daniel Rohwer (Milestone)'. The main content area shows an 'IT Support Task List' with a context menu open over the 'Create Visio Diagram' option. The menu includes options like 'Edit in Datasheet', 'Connect to Outlook', 'Export to Spreadsheet', 'Open with Microsoft Office Access', 'View RSS Feed', and 'Alert Me'. The task list table below shows various tasks with columns for Assigned To, Status, Priority, Due Date, % Complete, and Category.

Title	Assigned To	Status	Priority	Due Date	% Complete	Category
Hardware - system not recognizing new RAM	Matt Roderman	Not Started	(2) Normal	7/20/2006	5%	Hardware
Software - system not recognizing new RAM	Will Golding	In Progress	(1) High	7/16/2006	50%	Hardware
Connectivity - Pocket PC e-mail issues	Ritu Chaturvedi	Completed	(1) High	7/13/2006	100%	Connectivity
Software - system not recognizing new RAM	Ritu Chaturvedi	Completed	(3) Low	7/17/2006	50%	Software
Connectivity - Pocket PC e-mail issues	Po-Yan Tsang	Deferred	(2) Normal	7/18/2006	50%	Connectivity
Hardware - system not recognizing new RAM	Matt Roderman	Not Started	(2) Normal	7/20/2006	0%	Hardware
Software - system not recognizing new RAM	Ritu Chaturvedi	In Progress	(1) High	7/17/2006	25%	Software
Connectivity - Pocket PC e-mail issues	George Siemens	Waiting on someone else	(2) Normal	7/16/2006	25%	Connectivity
Hardware - system not recognizing new RAM	Matt Roderman	In Progress	(2) Normal	7/19/2006	50%	Hardware
Connectivity - Pocket PC e-mail issues	Po-Yan Tsang	In Progress	(1) High	7/14/2006	25%	Connectivity
Software - system not recognizing new RAM	Ritu Chaturvedi	In Progress	(1) High	7/11/2006	75%	Software
Software - system not recognizing new RAM	Daniel Rohwer (Milestone)	In Progress	(1) High	7/13/2006	25%	Software
Software - system not recognizing new RAM	Daniel Rohwer (Milestone)	Waiting on someone else	(1) High	7/20/2006	25%	Software
Software - system not recognizing new RAM	Daniel Rohwer (Milestone)	Completed	(2) Normal	7/18/2006	100%	Software
Connectivity - Pocket PC e-mail issues	Jason Howes	In Progress	(1) High	7/15/2006	50%	Connectivity
Hardware - system not recognizing new RAM	Kelly Kerr	In Progress	(2) Normal	7/19/2006	50%	Hardware

Visio Solutions “Beyond the Box”

- Refreshable Reports
- Real-time visualization
- VBA, VB6, C++, C#, VB.NET, C#.NET

The screenshot displays an airplane seat map with a context menu open over a selected seat. The menu includes options: Select database record, Refresh shape properties, Update database record, Delete shape and record, Show ShapeSheet, Cut, Copy, Paste, View, Format, Shape, and Help. The seat map is divided into three classes: First Class (F) Rows 1 to 3, Business Class (B) Rows 4 to 13, and Economy (E) Rows 14 to 36. A table titled 'Airplane - Summary' is visible on the right, and a 'Custom Properties - Airplane - Seat.347' dialog box is also present.

Total Seats :	281
Filled Seats :	59
Baggage (Kg):	1180
Ticket Price :	\$35,200.00
Frequent Flier Count :	54

SeatNumber	2A
PassengerName	Thom McCann
Class	First Class
FrequentFlier	TRUE
TicketPrice	\$1,000.00
Baggage	20

Production Asset Management

North Sea Oil

Demonstration

Regional Route Mapping and Planning

London Underground Train System

Demonstration

Summary – Visio Advanced Topics

- **Speed Up Planning and Review**

Productivity

- **Make Better Decisions**

Information Access

- **Build Consensus**

Collaboration

- **Professional Impact**

Effective & Efficient Communication

Further Resources

■ Microsoft Visio Resources

- www.microsoft.com/events/series/visio.msp
- www.microsoft.com/office/visio
- www.microsoft.com/technet/prodtechnol/visio
- msdn.microsoft.com/visio



Visibility.biz

The visualization division of
Milestone Consulting Group, Inc.

“Visualizing your Business”

- www.visibility.biz
- 17+ years of **Visio** expertise
- Consulting Services & Custom Visio Solutions
- Education for Visio Usage & Developer Training
- Additional Information:
<http://www.milestoneconsultinggroup.com/visibility.biz>
- Sister company Milestone Consulting Group, Inc. provides Consulting & Educational Services for **Microsoft Project and Project Server**

www.milestoneconsultinggroup.com



The Microsoft logo is located in the top right corner of the slide, rendered in a white, sans-serif font against the orange and yellow background.

Thank You!

Questions ?

david@visibility.biz

The Microsoft Office Visio 2007 logo is located in the bottom right corner. It features the Microsoft logo (four colored squares) to the left of the text "Microsoft Office Visio 2007". The text is in a black, sans-serif font.