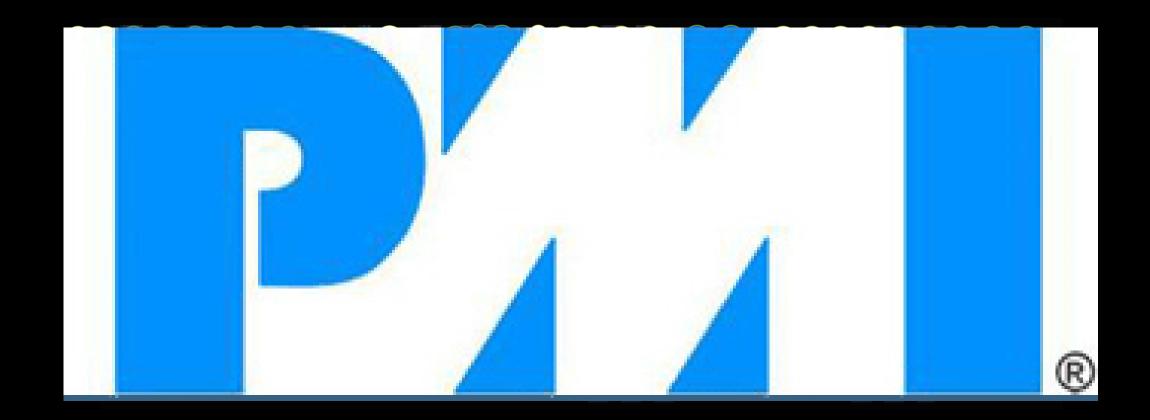
### KISS – Keeping It Simple - Scheduling



### KISS – Keeping It Simple - Scheduling



# KISS – Keeping It Simple - Scheduling PMI PPD 2016

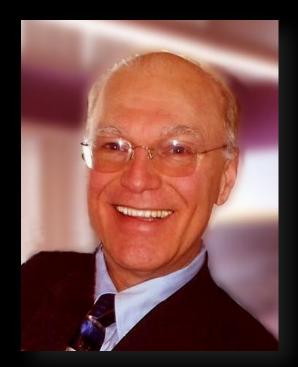


Presented by Angelo Arcoleo, PMP

### Angelo Arcoleo, PMP

#### Trainer, ProjectPro

- Owner A/E Consulting Planning, Scheduling and Training Microsoft Project
- **❖** Adjunct Faculty at RIT and MCC
- Lead Execution Planning Analyst, Master Scheduler, Manufacturing Execution Planning
  - SPACE AND INTELLIGENCE SYSTEMS / HARRIS CORP
- President Western New York Chapter
   Microsoft Project Users Group (MPUG)
- Project Management Institute (PMI) Certified Project Management Professional (PMP)
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All too often Projects get complicated and confusing very quickly. In this presentation we'll look at a simple 4-step approach to Planning a Project.

- Breakdown your Work
- Organize your Workforce
- Plan your Tasks, and
- Manage your Budget

## ...or NOT!

This simple 4-step approach to Planning a Project translates to 4 Project Management topics:

- 1. Work Plan Work Breakdown Structure
- 2. Resource Plan Organizational Breakdown Structure
- 3. Task Plan Task Management
- 4. Budget Plan Budget Management

This simple 4-step approach to Planning a Project translates to 4 Project Management tools:

- 1. Work Plan WBS Critical Tools WBS Chart Pro
- 2. Resource Plan OBS Microsoft Project Resource Sheet
- 3. Task Plan Microsoft Project Task Sheet / Gantt Chart
- 4. Budget Plan Microsoft Project Report Tools

#### 1. WBS – Work Breakdown Structure

- A work breakdown structure (WBS), in <u>project management</u> and <u>systems engineering</u>, is a deliverable-oriented decomposition of a project into smaller components.
- A work breakdown structure element may be a <u>product</u>, <u>data</u>, <u>service</u>, or any combination thereof.
- A WBS also provides the necessary framework for detailed cost estimating and control along with providing guidance for schedule development and control. [1]

#### 2. OBS - Organizational Breakdown Structure

 Organization Breakdown Structure (also known as OBS) is a hierarchical model describing the established organizational framework for project planning, resource management, time and expense tracking, cost allocation, revenue/profit reporting, and work management.

#### 2. OBS - Organizational Breakdown Structure

Preparation of an OBS uses a process similar to that of a WBS but for an organizational structure instead of work. Project management breaks down the project team into organizational units that will take on specific responsibilities. The key is to have an organizational unit ready to carry out each task of a WBS. When the WBS includes a task such as purchase of accounting software, the OBS must have an organizational unit for purchasing.

### 3. Task Planning - Task management

- Task management is the process of managing a <u>task</u> through its life cycle. It involves planning, testing, tracking and reporting. Task management can help either
  - individuals achieve goals, or
  - groups of individuals collaborate and share knowledge for the accomplishment of collective goals. [1]
- Tasks are also differentiated by complexity, from low to high. [1]

### 3. Task Planning - Task management

• Effective task management requires managing all aspects of a task, including its status, priority, time, human and financial resources assignments, recurrence, notifications and so on. These can be lumped together broadly into the basic activities of task management.

### 3. Task Planning - Task Management (cont.)

 Managing multiple individual or team tasks may require specialized software, for example workflow or project management software. In fact, many people believe that task management should serve as a foundation for project management activities.

### 3. Task Planning - Task Management (cont.)

• Task management may form part of project management and process management and can serve as the foundation for efficient workflow in an organization. Project managers adhering to task-oriented management have a detailed and up-to-date project schedule, and are usually good at directing team members and moving the project forward. [3]

#### 4. Budget Management

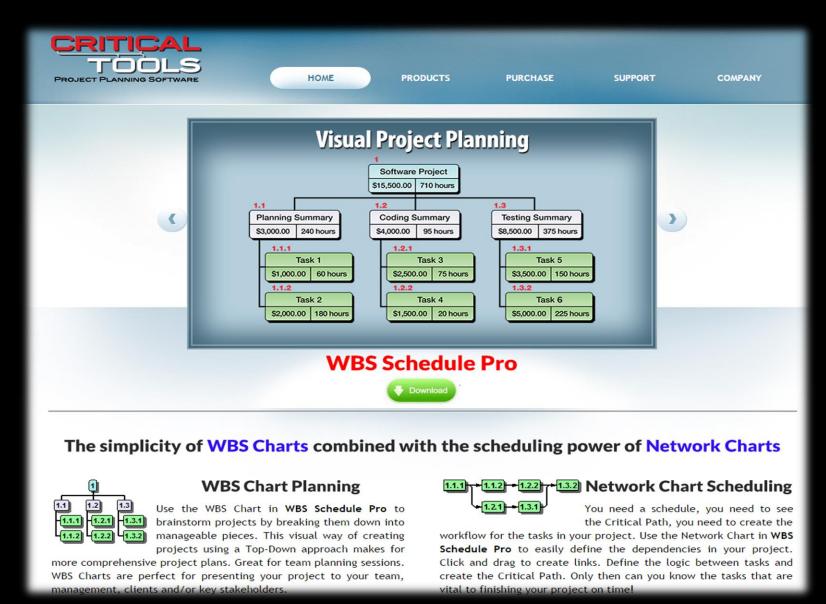
• A budget is a quantitative expression of a plan for a defined period of time. It may include planned sales volumes and revenues, resource quantities, costs and expenses, assets, liabilities and cash flows. It expresses strategic plans of business units, organizations, activities or events in measurable terms. [1]

### Microsoft Project - Bringing it all together...

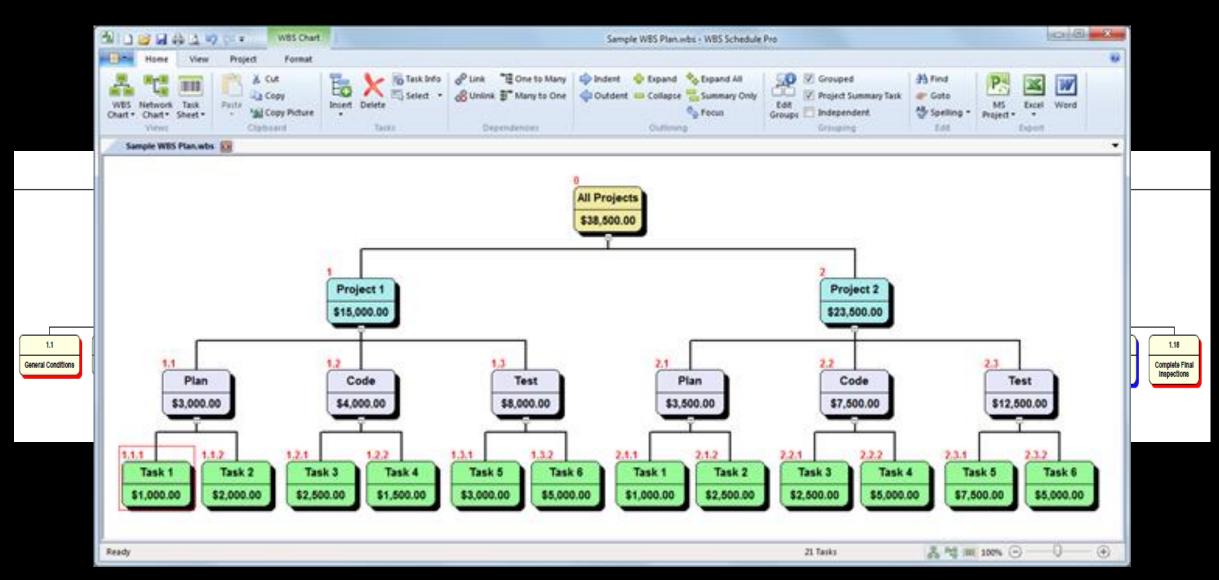
 Microsoft Project is a <u>project management software</u> program developed by <u>Microsoft</u>, designed to assist <u>project managers</u> in developing a WBS <u>plan</u>, assigning OBS <u>resources</u> to plan tasks, track progress, manage the <u>budget</u>, and analyze workloads.



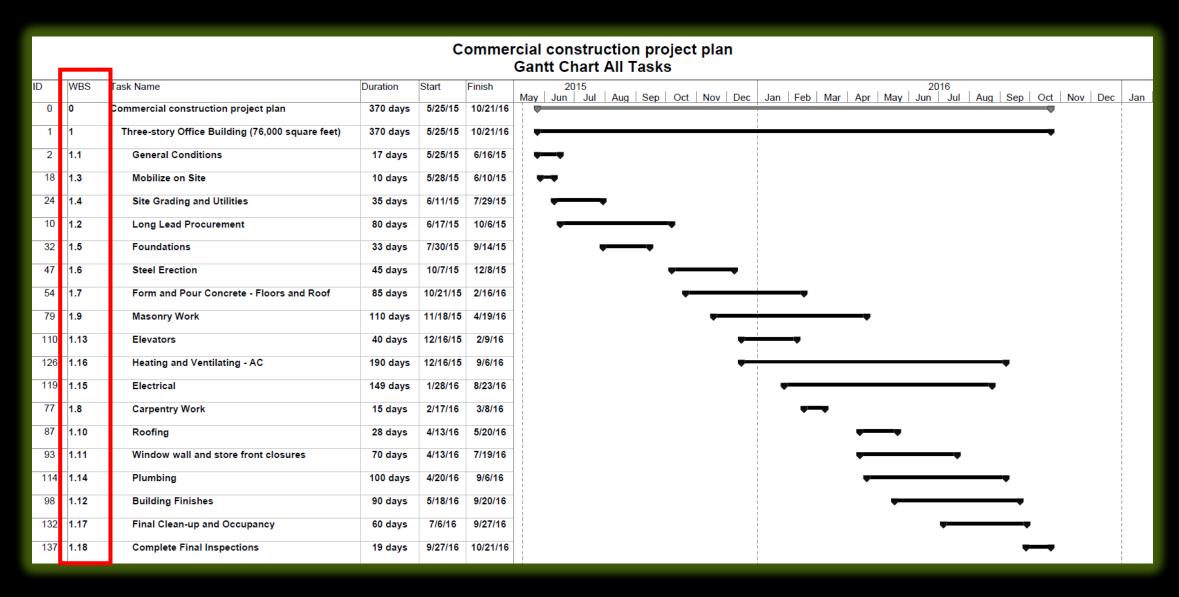
#### 1. WBS – Schedule Pro Overview



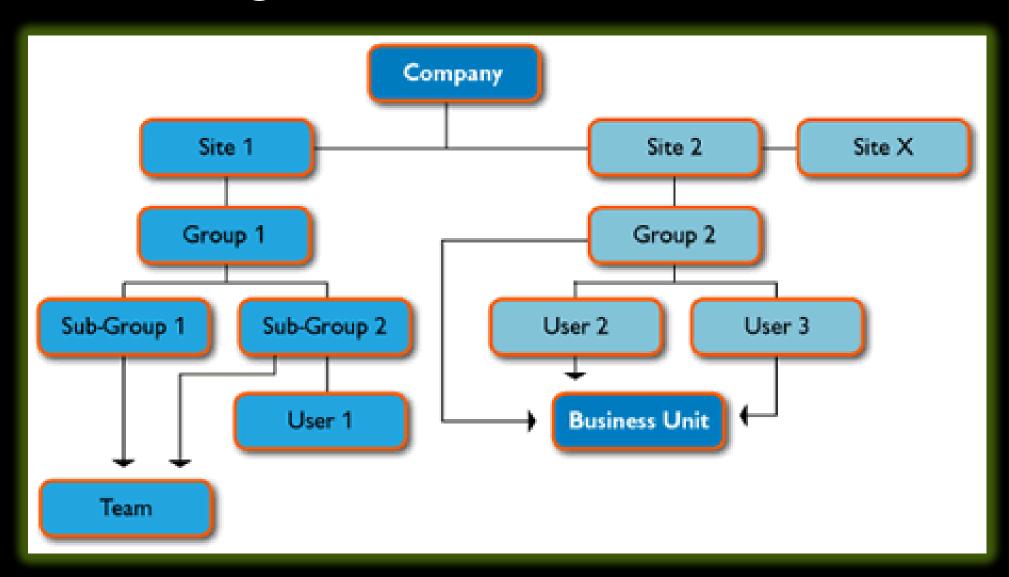
#### 1. WBS – Work Breakdown Structure



#### 1. WBS – Work Breakdown Structure



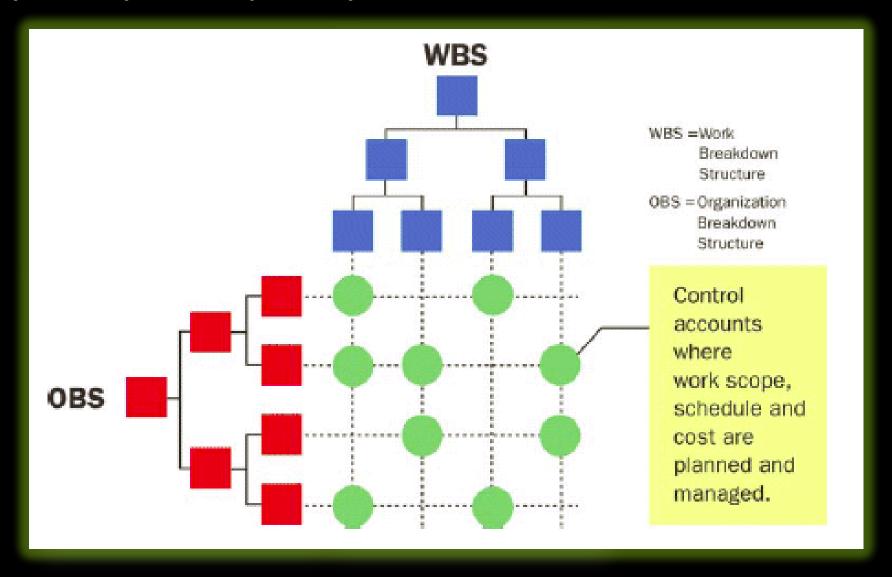
### 2. OBS - Organizational Breakdown Structure



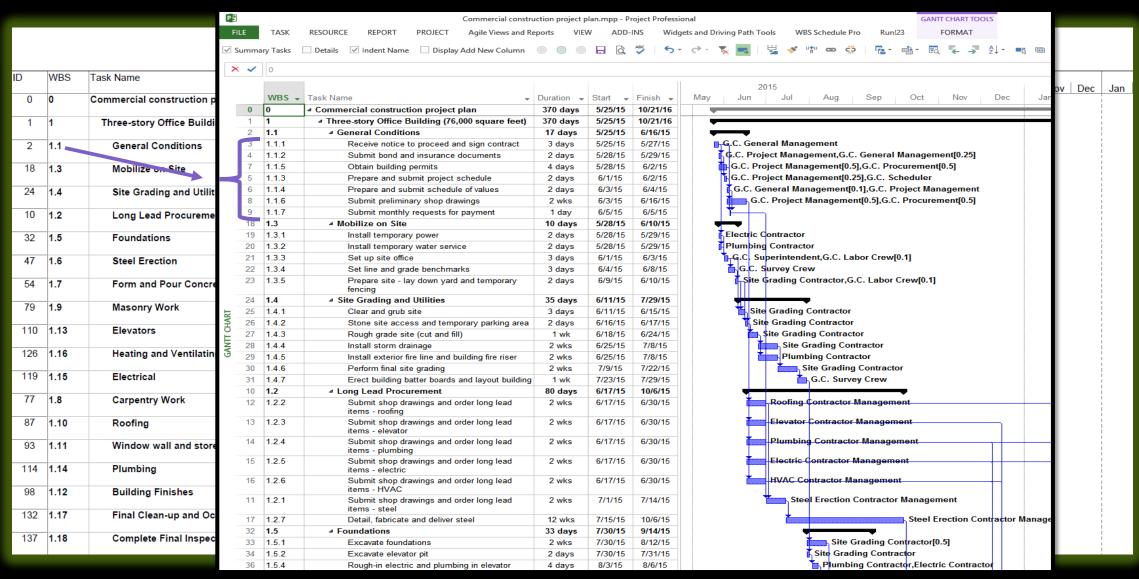
### 2. OBS – Resource Sheet in Microsoft Project

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32 🕩	Painting Contractor	Work	P		1	\$0.00/hr	\$0.00/hr	\$0.00 Prora	ited Stand	lard

### 1. (WBS) + 2. (OBS) = Control Accounts



#### 3. Task Planning - Task management



### 4. Budget Plan – Budget Management



- 2. Assign them to the Project summary task
- 3. Add Budget Work and Cost to your plan
- 4. Specify the Budget
- 5.GroupBy Budget Type custom field

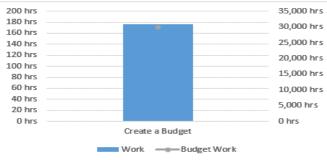
Watch this demo to learn more

CREATE A BUDGET



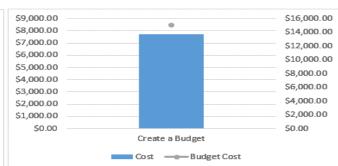
#### **BUDGET WORK**

Shows the current work planned and the budget work defined for the project. The bdget work is plotted on the secondary axis.



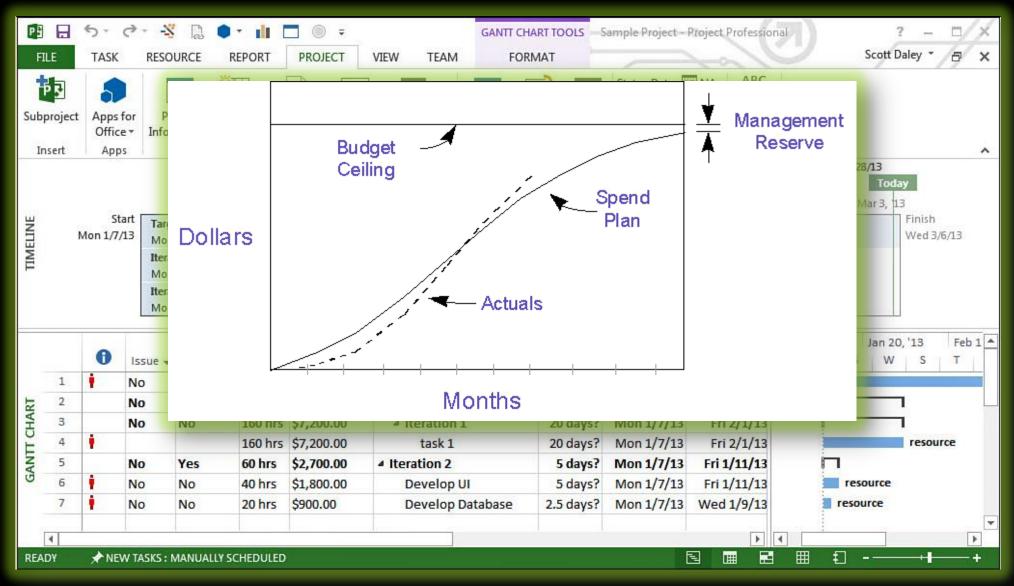
#### BUDGET COST

Shows the current spending and the budget cost defined for the project. The bdget cost is plotted on the secondary axis.



Name	Budget Work	Work	<b>Budget Cost</b>	Cost
Budget Type: Labor	30,000 hrs	176 hrs		\$7,720.00
Jon		72 hrs		\$2,880.00
Sonia		72 hrs		\$3,240.00
Brian		32 hrs		\$1,600.00
Budget - Labor	30,000 hrs			
Budget Type: Travel			\$15,000.00	\$0.00
Airfare				\$0.00
Lodging				\$0.00
Budget - Travel		\$15,000.00		

### 4. Budget Plan – Budget Management

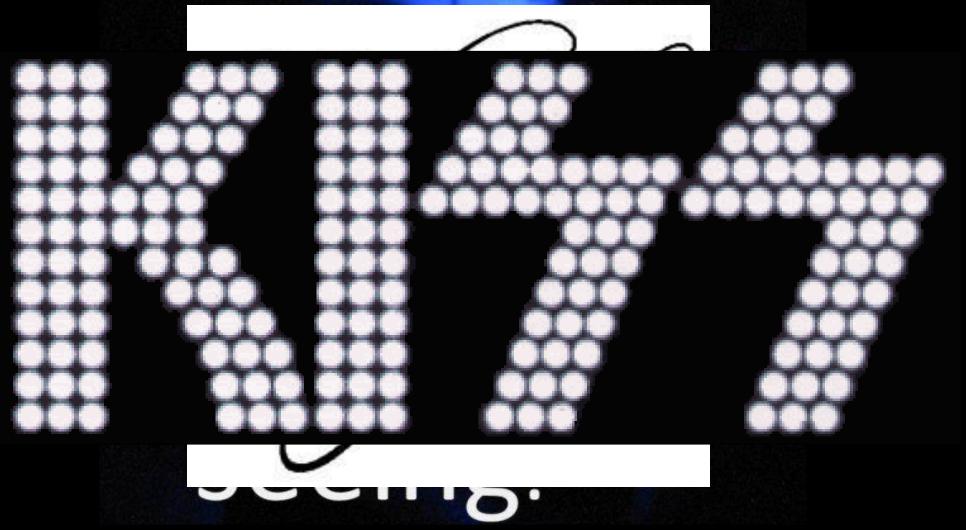


You have now seen how this simple 4-step approach to Planning a Project translates to

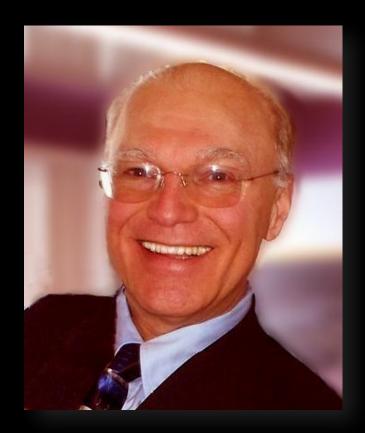
4 Project Management topics:

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## KISS Que Constitution of the Control of the Control



### Angelo Arcoleo, PMP

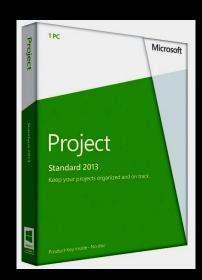


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### Products discussed in this presentation







http://www.microsoftstore.com/store/ msusa/en\_US/pdp/Project-Professional-2013/productID.259322800

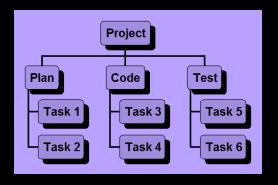


http://www.projectprocorp.com
/freeDownloads.php





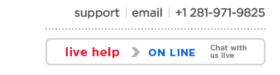
WBS Schedule Pro



http://www.criticaltools.com/download.html

### Products not previously discussed in this presentation





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#### It's time to remove those rose colored glasses!

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