

# "Single Source" for Ten-Fold Productivity

Presented by

Kaiman Lee, Ph.D.

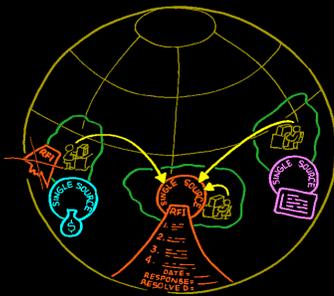
President  
VisionQuest International

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# What is "Single Source"?

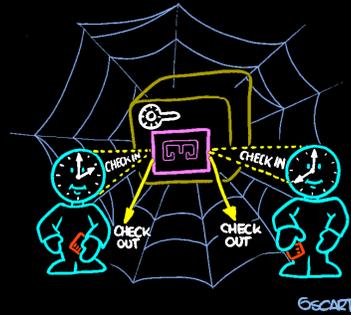
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# Single Source



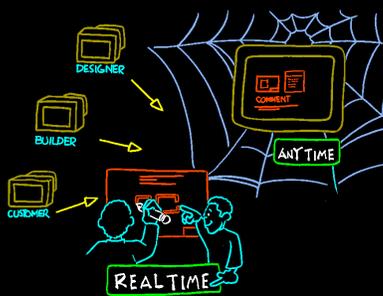
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# Check In & Check Out



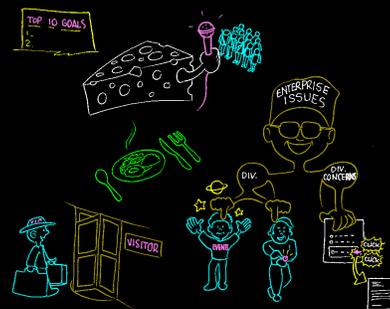
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# Two Ways to Collaborate



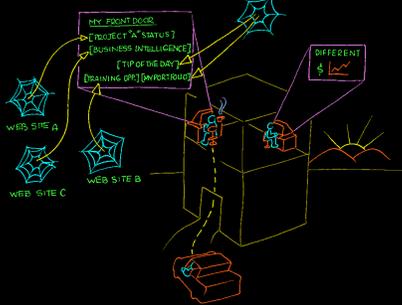
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# Daily Web Page



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## Corporate Portal

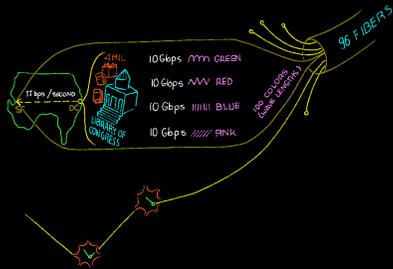


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## Why is "Single Source" Possible?

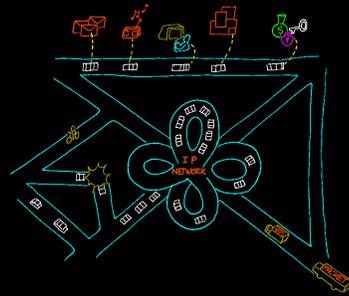
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## Dense Wavelength Division Multiplexing (DWDM)



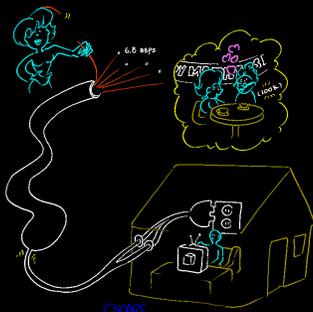
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## Dumb Network



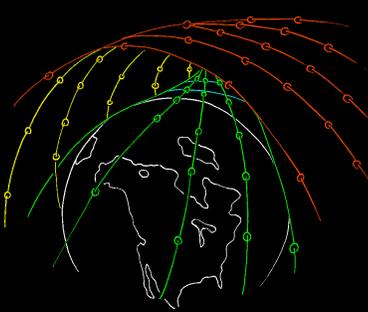
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## Transmission Bottleneck



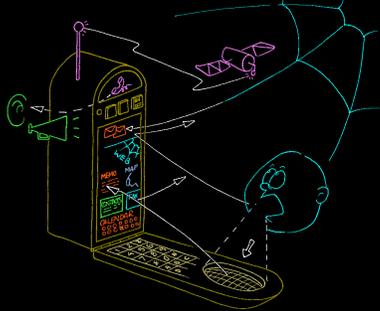
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## Low Earth Orbit Satellites (LEOs)



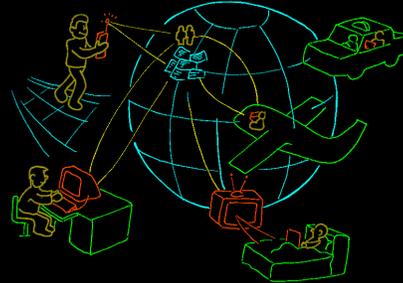
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## All-in-one Handheld



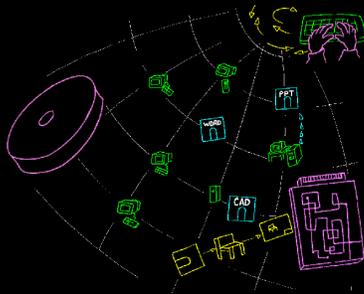
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## Universal Connectivity



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## A New Order

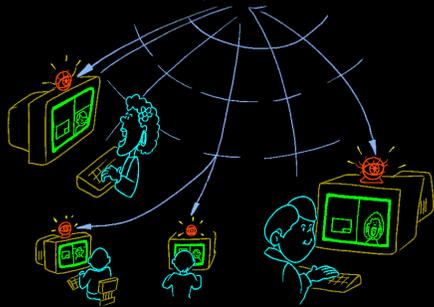


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What Can We Use  
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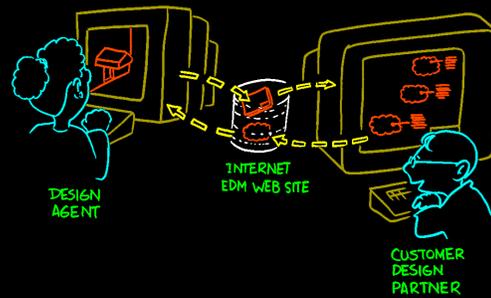
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## Desktop Video Conferencing



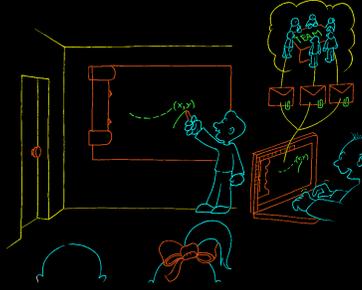
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## Collaborative Drawing & Writing



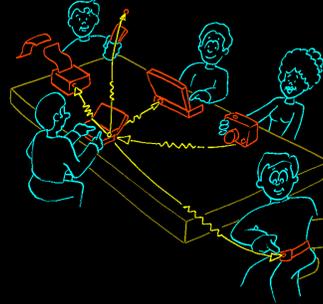
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## Electronic Whiteboard



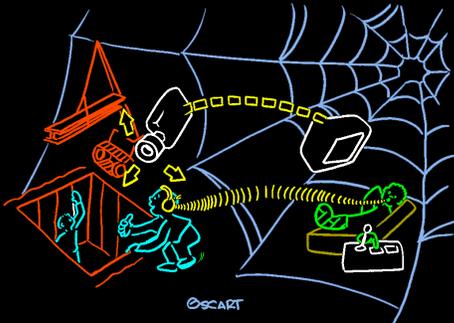
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## Beam It to Me



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## Site Cam



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## Shift Turnover Video Diary



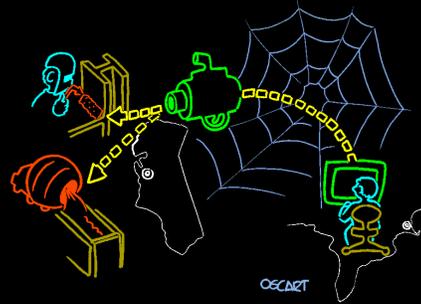
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## Hard Hat Camera



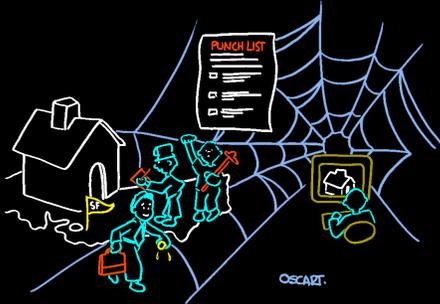
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## Remote Field Testing



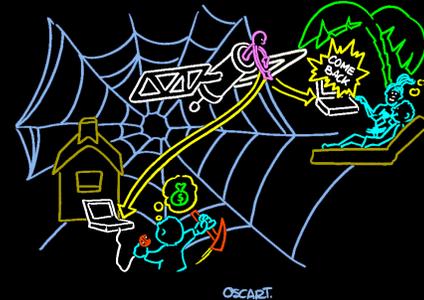
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## Punch List



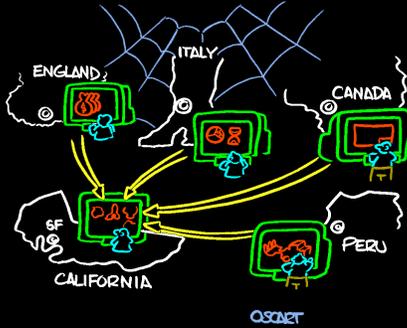
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## Construction Project Web Site



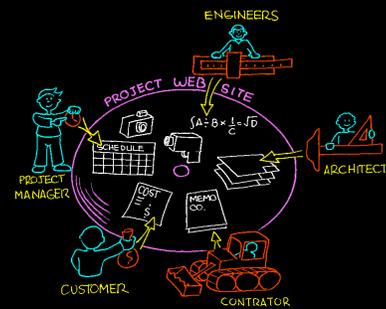
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## Partnering Web Site



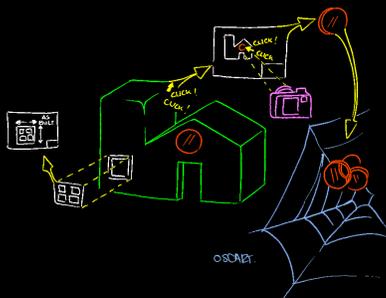
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## Project Deliverable



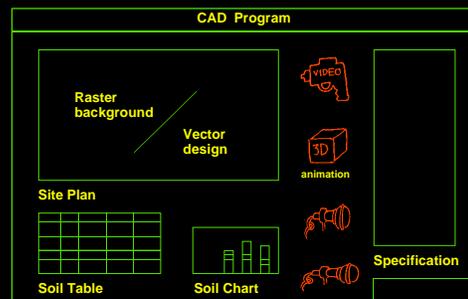
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## Active Engineering Model



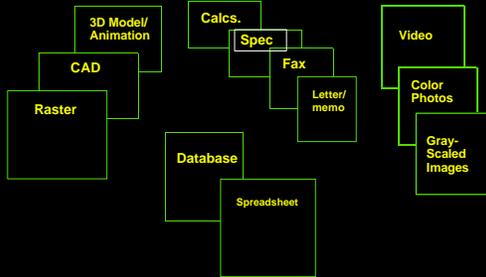
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## CAD Drawing as Front End of Compound Document



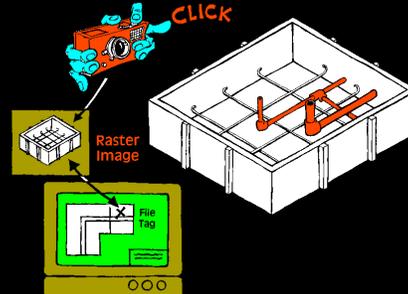
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## Types of Engineering Document



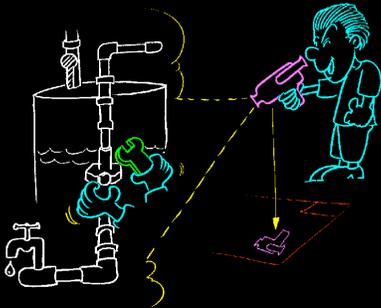
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## As-Built Photographic Capture



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## Video Clip



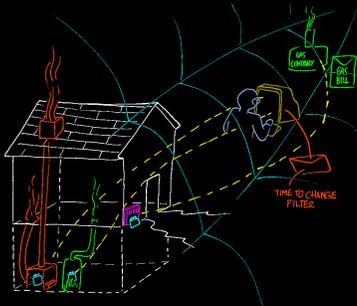
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## Video Clip



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## Remote Reading & Sensing



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What Benefits Can  
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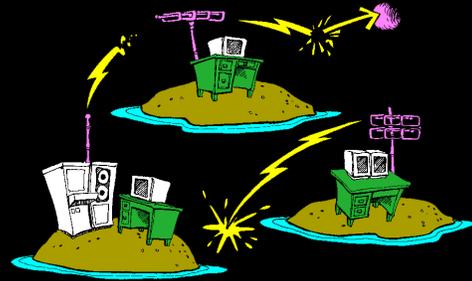
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## Islands of Information



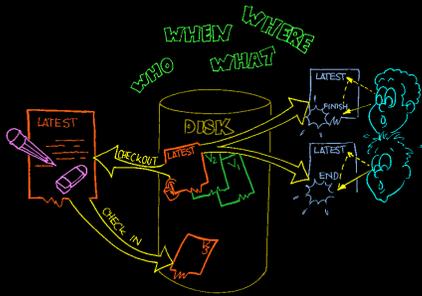
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## Islands of Automation



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## Check out / Check in



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## Route Action



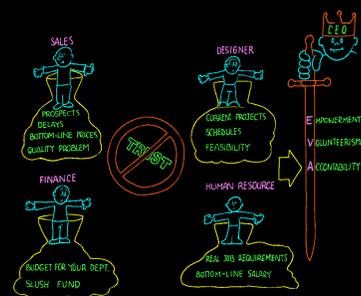
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## Lack of Communication



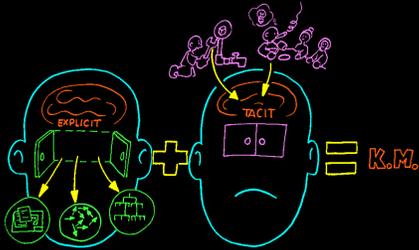
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## Hiding Information



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## Two Basic Types of Knowledge

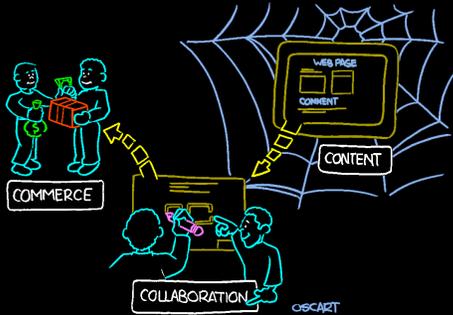


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## How do you Plan and Implement "Single Source"?

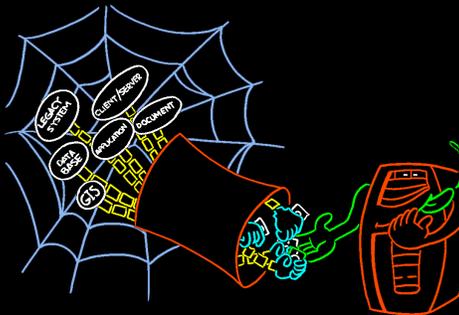
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## 3 Stages of Web Implementation



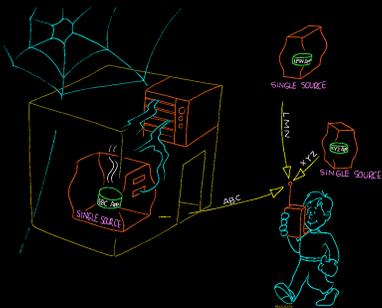
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## Intranet Key Strategies



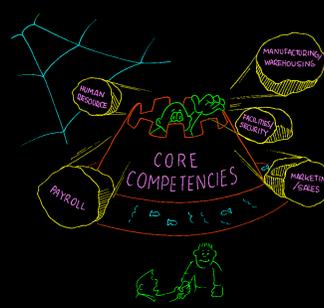
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## Re-Centralization



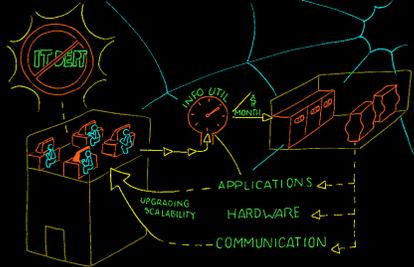
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## Outsourcing



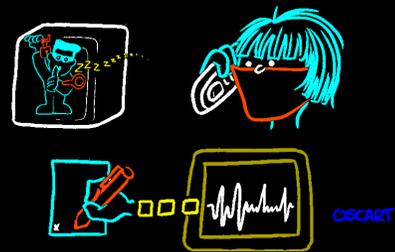
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## Application Service Provider



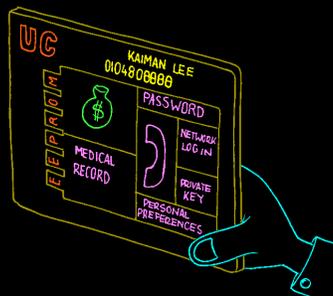
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## Personal Security Objectives



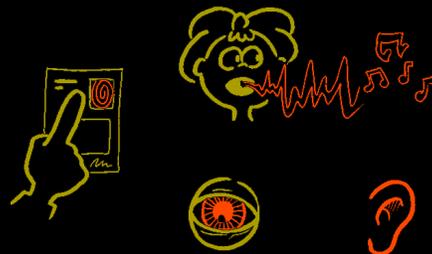
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## Universal Card



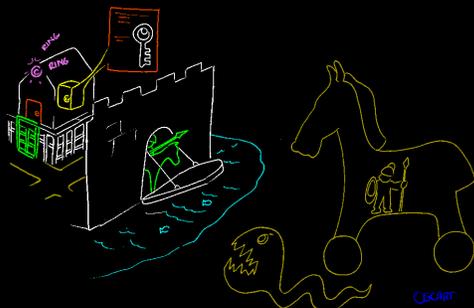
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## Biometrics Scanner



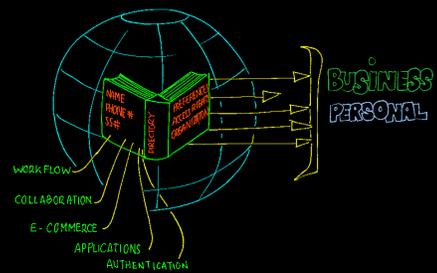
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## Layers of Security



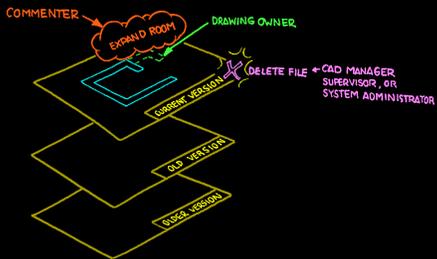
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## Directory-Centric Computing



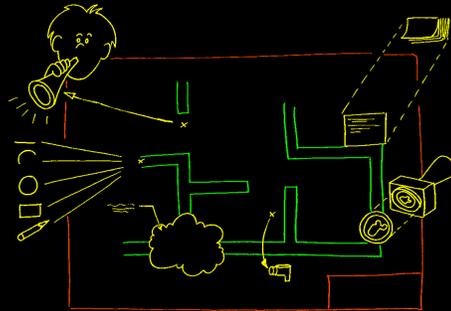
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## Policies for Drawing Control



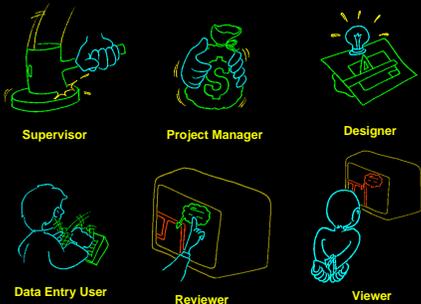
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## Annotation



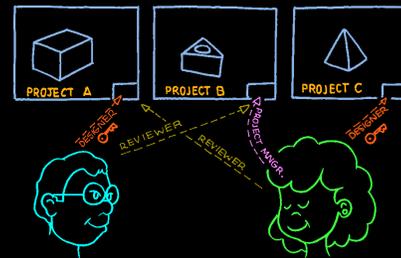
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## Levels of Authority



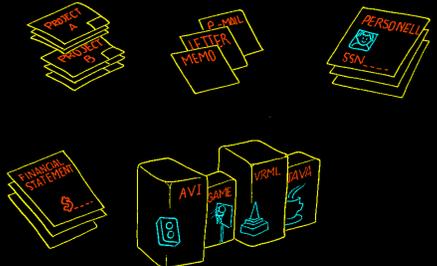
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## Changing Roles



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## Access Rights by Classes of Documents



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Who Can Make "Single Source" Happen?

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## Intranet is Nakedness



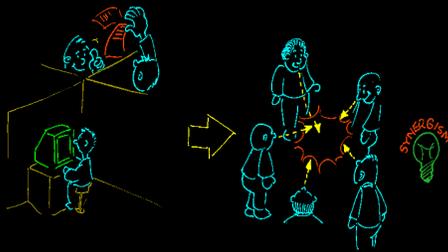
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## Collaboration is Revolutionary



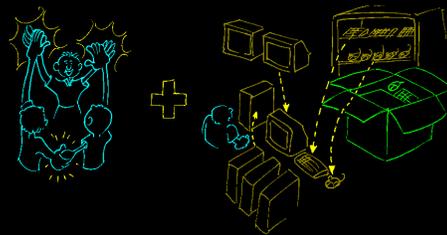
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## Productivity Focus



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## People With People & People With Process

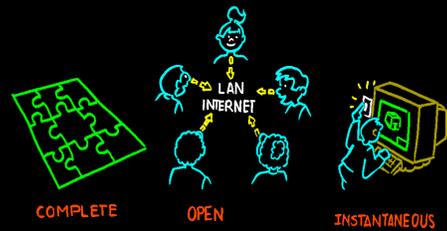


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## What Do You Need to Remember?

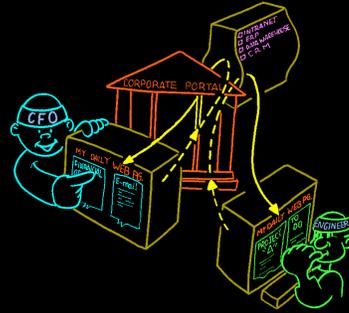
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## Criteria for Information Sharing



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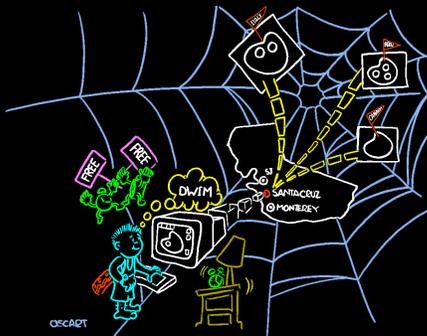
## Corporate Portal



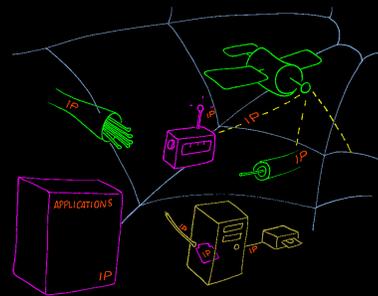
## Paperless



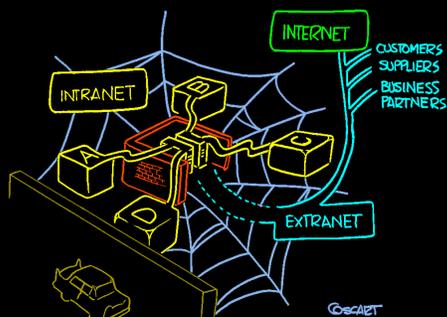
## People Centric



## IP Centric



## Triple Net



## Thank You

