

"Single Source" for Ten-Fold Productivity

Presented by

Kaiman Lee, Ph.D.

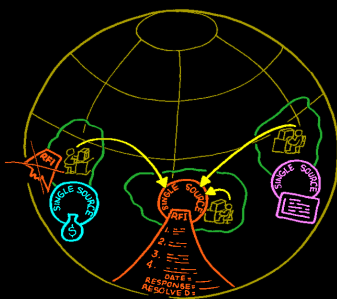
President
VisionQuest International

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What is "Single Source"?

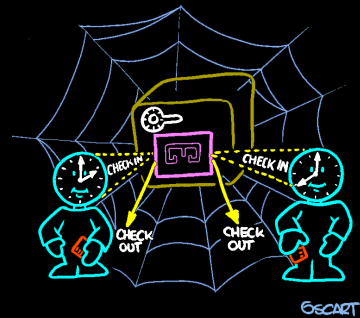
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Single Source



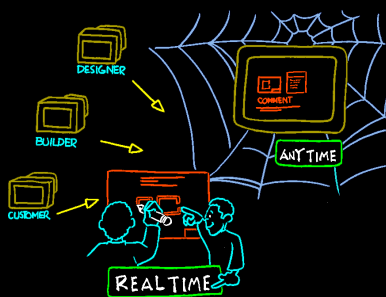
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Check In & Check Out



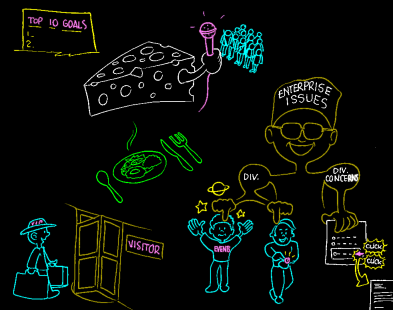
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Two Ways to Collaborate



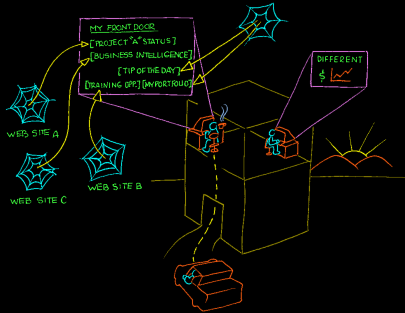
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Daily Web Page



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Corporate Portal

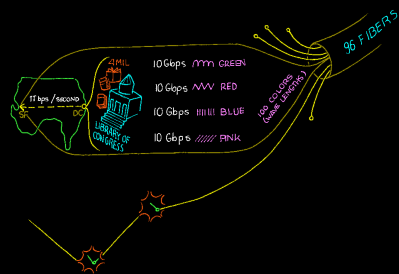


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Why is "Single Source" Possible?

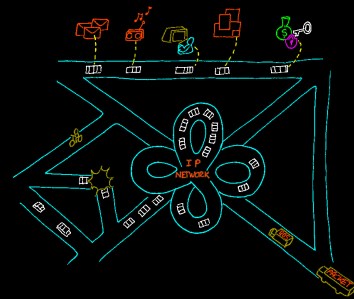
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Dense Wavelength Division Multiplexing (DWDM)



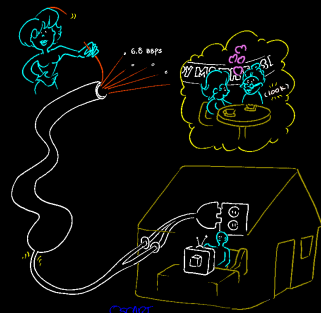
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Dumb Network



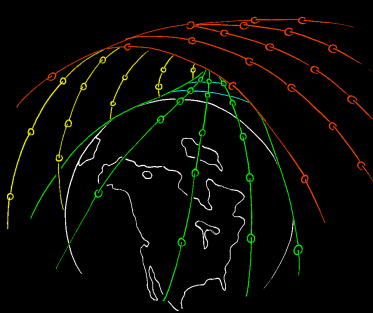
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Transmission Bottleneck



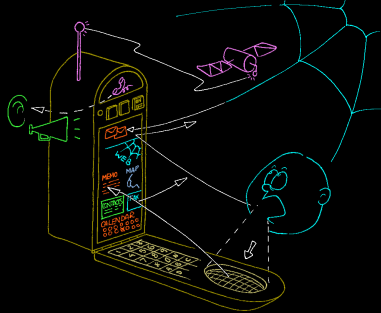
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Low Earth Orbit Satellites (LEOs)



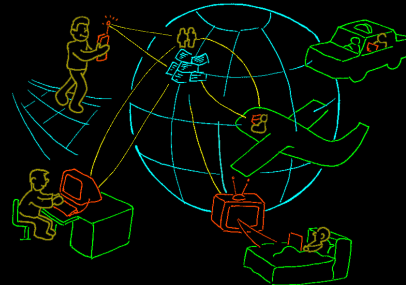
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All-in-one Handheld



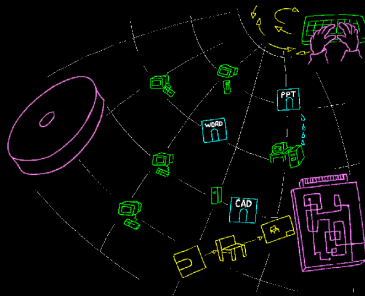
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Universal Connectivity



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A New Order

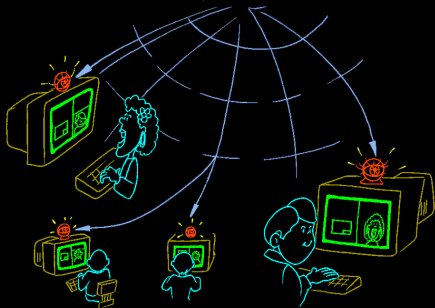


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What Can We Use "Single Source" For?

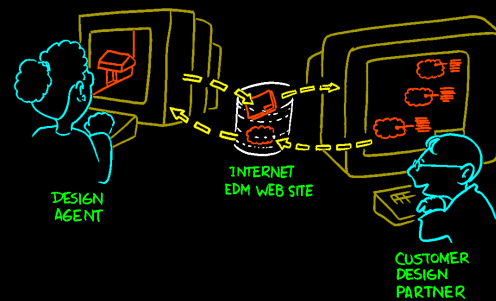
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Desktop Video Conferencing



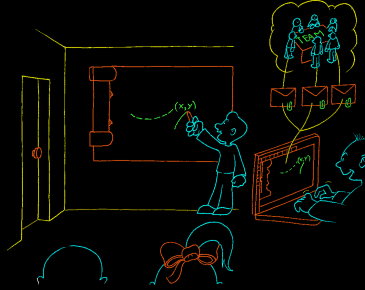
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Collaborative Drawing & Writing



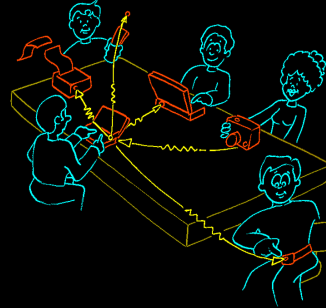
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Electronic Whiteboard



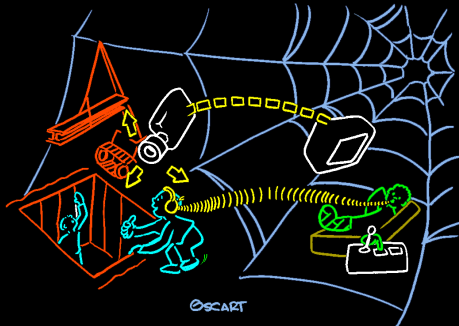
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Beam It to Me



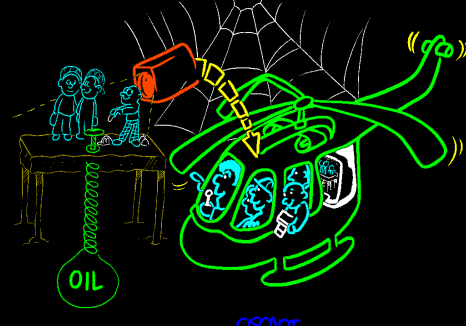
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Site Cam



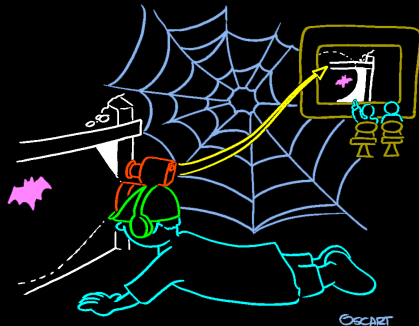
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Shift Turnover Video Diary



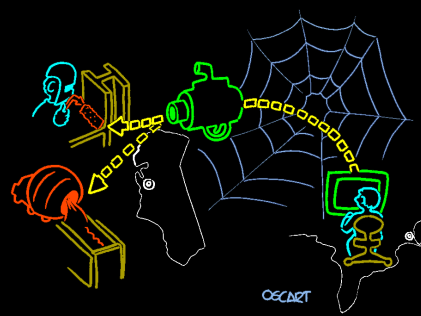
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Hard Hat Camera



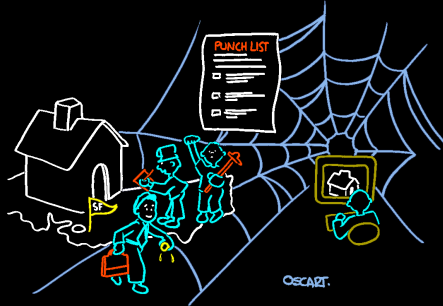
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Remote Field Testing



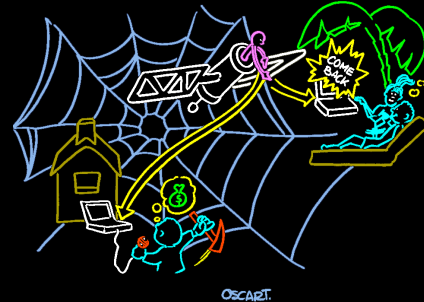
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Punch List



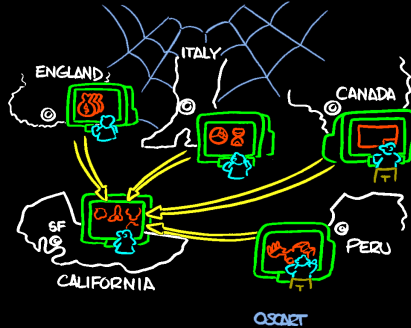
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Construction Project Web Site



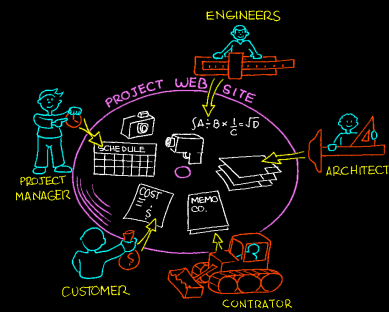
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Partnering Web Site



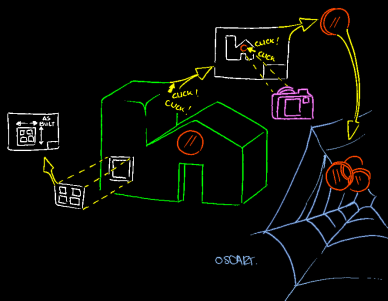
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Project Deliverable



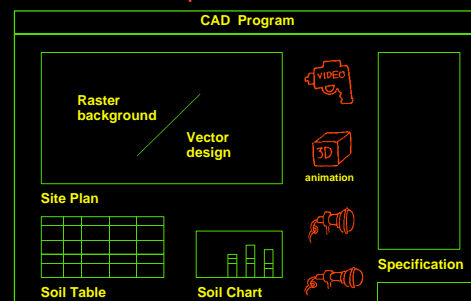
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Active Engineering Model



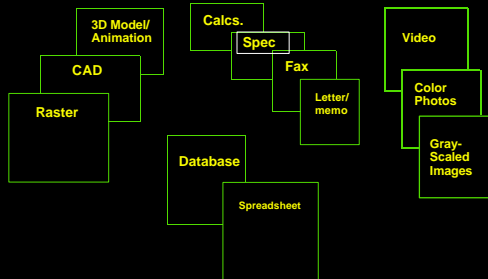
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CAD Drawing as Front End of Compound Document



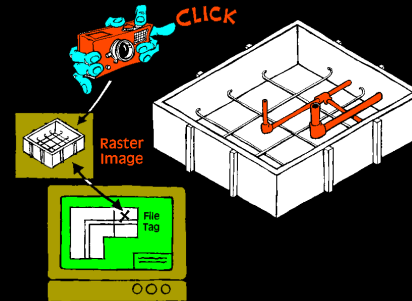
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Types of Engineering Document



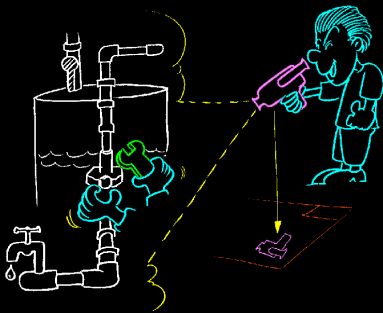
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As-Built Photographic Capture



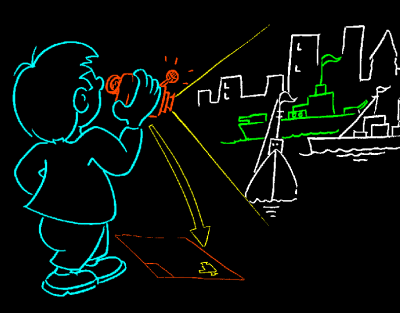
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Video Clip



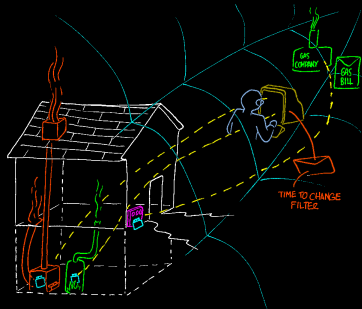
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Video Clip



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Remote Reading & Sensing

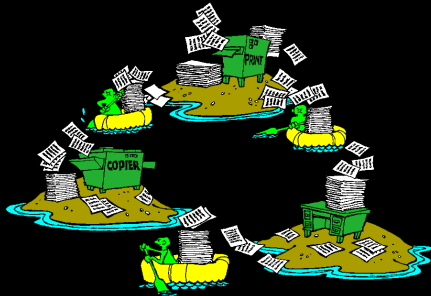


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What Benefits Can
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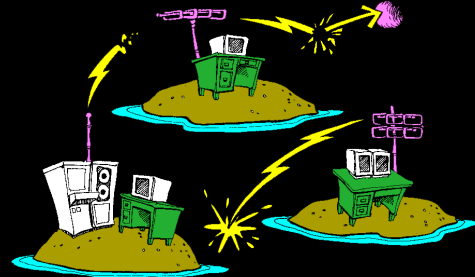
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Islands of Information



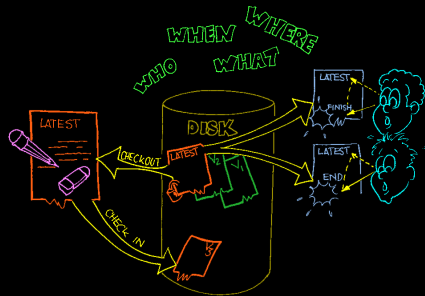
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Islands of Automation



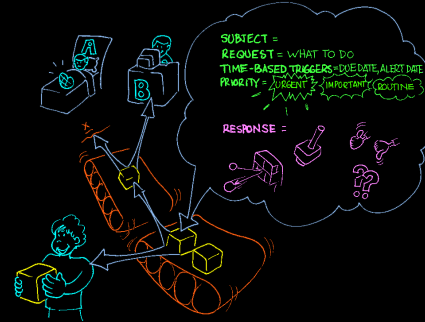
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Check out / Check in



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Route Action



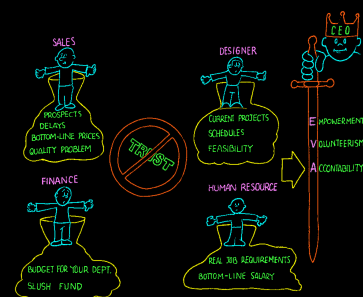
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Lack of Communication



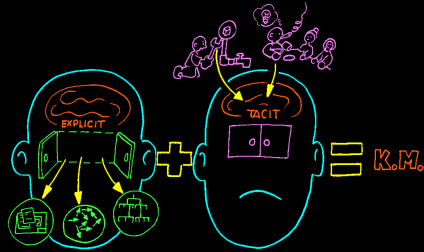
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Hiding Information



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Two Basic Types of Knowledge

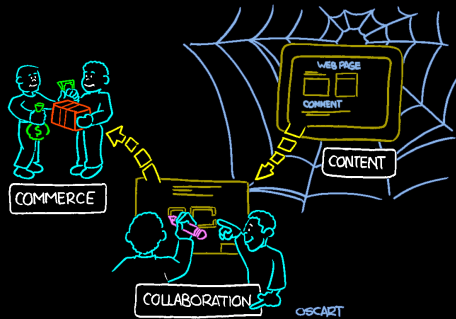


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How do you Plan and Implement "Single Source"?

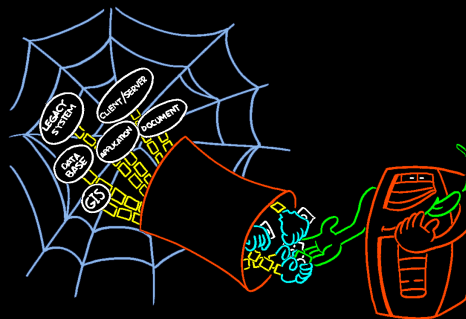
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3 Stages of Web Implementation



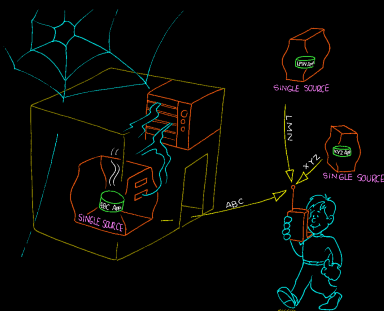
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Intranet Key Strategies



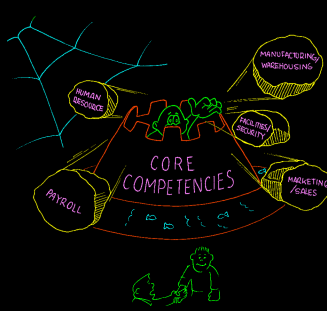
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Re-Centralization



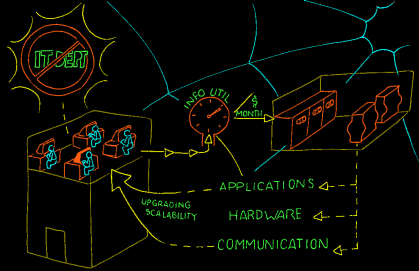
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Outsourcing



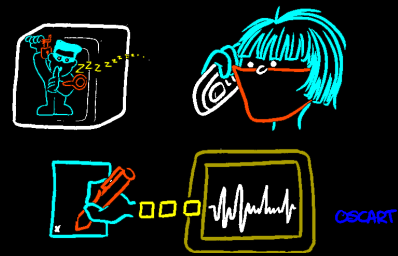
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Application Service Provider



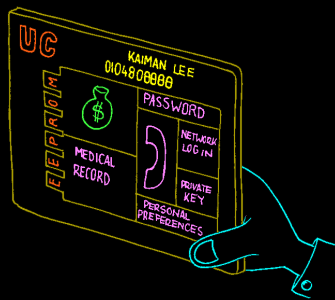
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Personal Security Objectives



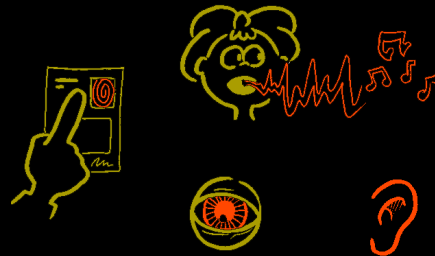
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Universal Card



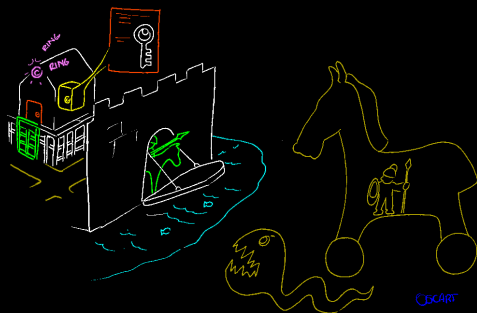
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Biometrics Scanner



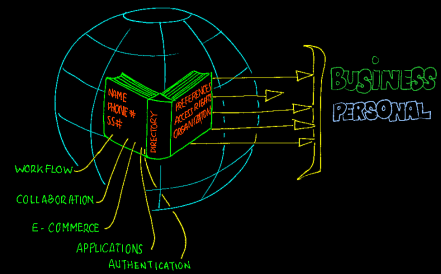
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Layers of Security



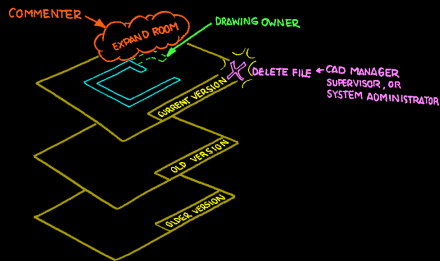
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Directory-Centric Computing



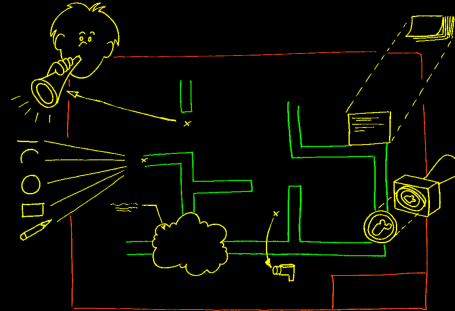
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Policies for Drawing Control



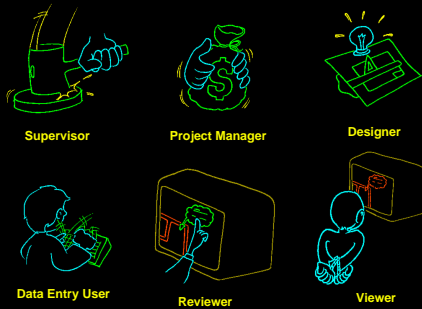
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Annotation



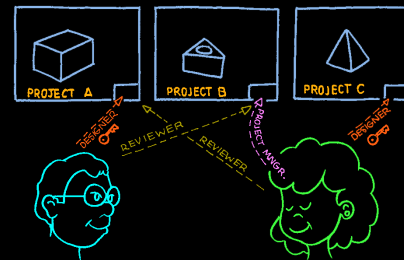
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Levels of Authority



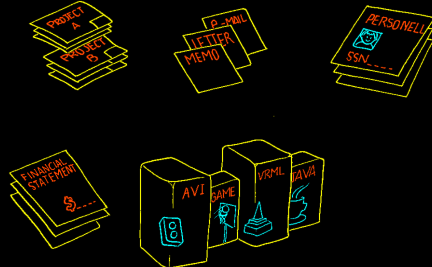
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Changing Roles



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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



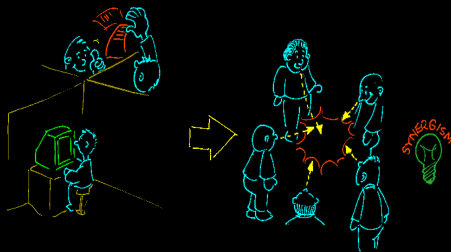
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Collaboration is Revolutionary



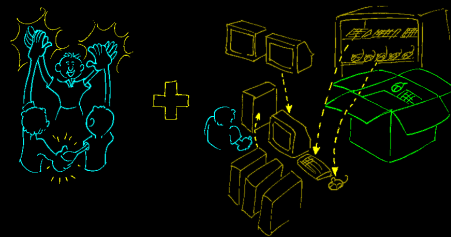
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Productivity Focus



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People With People & People with Process

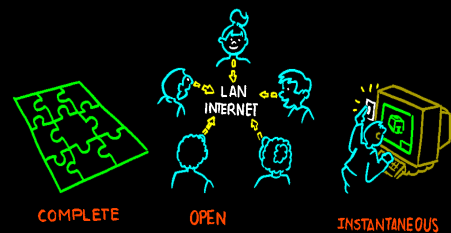


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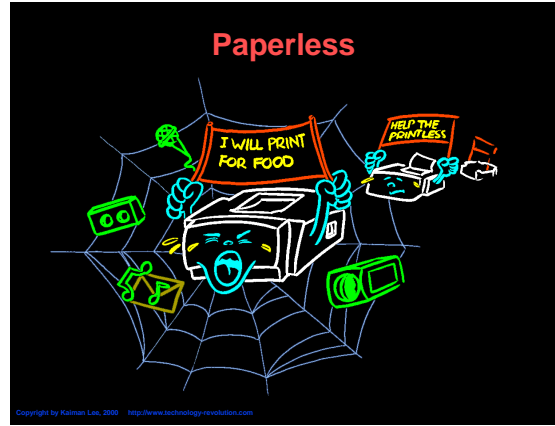
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Criteria for Information Sharing



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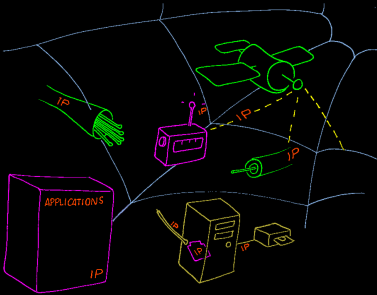


People Centric

A hand-drawn illustration in a sketchy, chalk-like style. At the bottom left, a person with spiky hair sits at a desk, typing on a laptop. A computer monitor on the desk displays a globe icon. A speech bubble above the person says 'DWM'. To the left of the person, two pink rectangular boxes labeled 'FREE' are connected by green, tangled lines. A small cloud-like shape contains the text 'DWM'. To the right, a large spiderweb is drawn with blue lines. A yellow, segmented line connects the person's computer to a central node on the web. This central node is a square with a face and the text 'SAN FRANCISCO' and 'MONTEREY' below it. From this central node, several other yellow lines branch out to other nodes on the web. These nodes include a square with a face and 'SAN FRANCISCO' and 'MONTEREY' (repeated), a square with a face and 'SAN FRANCISCO' and 'MONTEREY' (repeated), and a square with a face and 'SAN FRANCISCO' and 'MONTEREY' (repeated). The overall theme is 'People Centric'.

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IP Centric



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Triple Net

INTRANET

INTERNET

CUSTOMERS
SUPPLIERS
BUSINESS
PARTNERS

EXTRANET

GIGAET

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Thank You



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