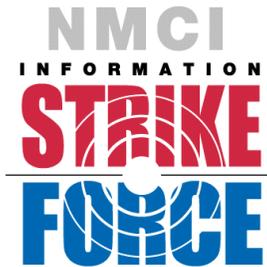


NMCI Overview

by Tim Davidson



What This Presentation Will Cover



1. What is the Navy/Marine Corps Intranet (NMCI)?
2. What will it cost, and how will the Navy pay for it?
3. What will the transition process be like?
4. How will this change my environment?
5. What reference materials are available?

What Is the Navy/marine Corps Intranet (NMCI)?



- ▶ **Vision Statement:** NMCI will result in an enterprise-wide managed *service* that will provide the U.S. Navy and U.S. Marine Corps with secure, universal access to voice, video and data information exchange services.



▶ Improved Interoperability and Reliability

- ▶ Eliminate interoperability problems
- ▶ Eliminate access, connectivity, and throughput as impediments to productivity and speed of command
- ▶ Assured desktop to desktop voice, video & data communications

▶ Increased Security

- ▶ Reduce Security Risks
- ▶ Protection of the network and information
- ▶ Intrusion detection and response with no loss of information or network capability

▶ Reduced [?] cost of voice [later], video [later], and data services [now!]

▶ Improved Processes and Increased Combat Readiness!

Who Is the Information Strike Force (ISF)?



Supported by *Microsoft, Dell, Cisco, WAM!NET, small businesses*

Service Level Agreements (SLAs)

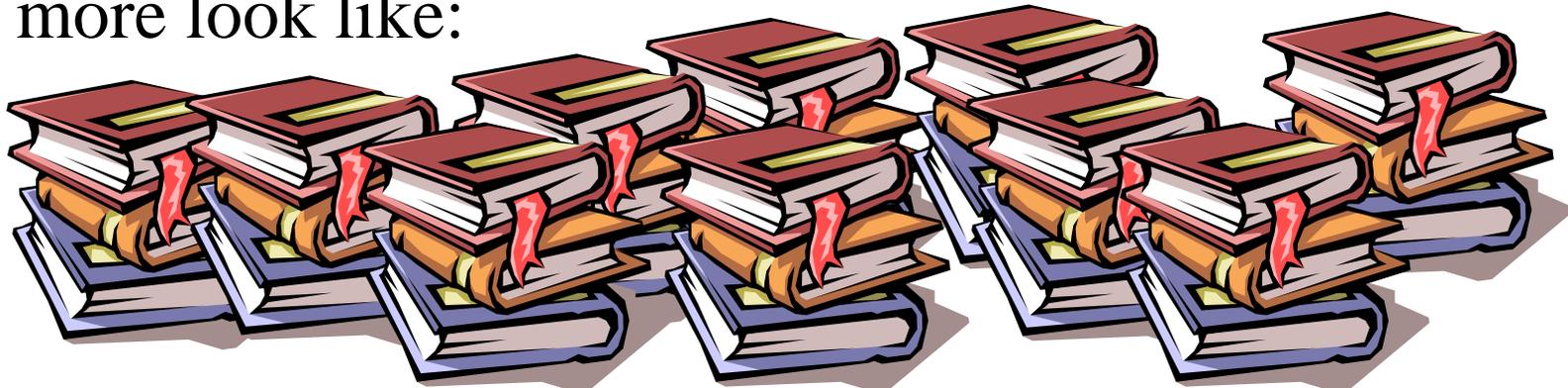


- ▶ Contract performance is measured against SLAs.
- ▶ Vendor to provide Web based Metrics for Contract Technical Representatives (CTRs) to review.
- ▶ ISF to be paid 85% until SLAs are Achieved!
- ▶ Example SLA: “**Percentage of calls resolved on first contact to help desk. [65%]** This includes all requests that can be resolved at the help desk. Calls requiring onsite actions (maintenance or reconfiguration) are not included. The measurement is a monthly aggregate and average by site of the resolved calls at the Help Desk.”

ISF Partnership With Navy



- ▶ Contract is often referred to as an “80/20” document.
- ▶ 80% documented, 20% remains fluid.
- ▶ Clarification process is perpetual.
- ▶ Ultimate clarification is impossible given dynamic nature of mission, threats, requirements and technologies.
- ▶ Lacking cooperative partnering, the contract might more look like:



Recommended Viewing

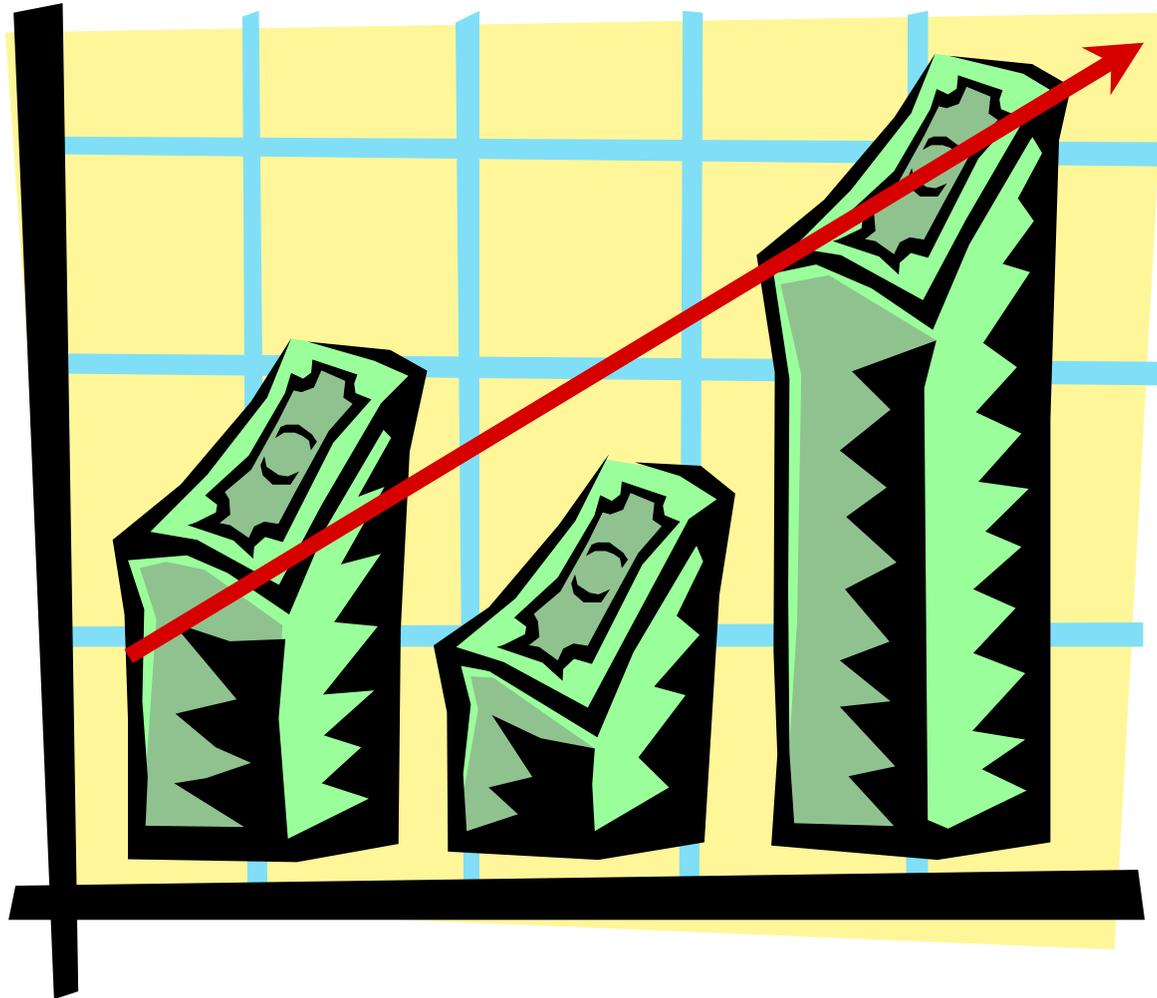


▶ Great NMCI Primer!

▶ <http://navfacilitator.navfac.navy.mil/video/>



What Will It Cost, and How Will the Navy Pay for It?

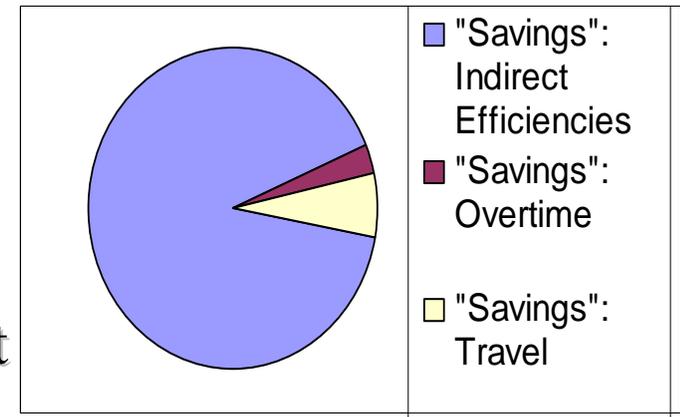


\$6.9 Billion NMCI Paid for by Total Cost of Ownership



▶ Major Savings in “Indirect Efficiencies” --not specifically related to IT expenditures or personnel

- ▶ Reduced casual learning
- ▶ More efficient self support
- ▶ Improved formal end user training
- ▶ Improved file and data management
- ▶ Simplified applications development
- ▶ Reduced IT infrastructure downtime



▶ **Reduced Travel** due to improve collaboration technology and videoconferencing

▶ **Reduced Overtime** due to improved business processes

Rising Costs – for NAVFAC



- ▶ Booze Allen Hamilton/Gartner **Total cost of ownership (TCO)** Business Case Analysis (BCA): **\$2,822 per seat, per year** “Direct Costs” at NAVFACHQ
 - ▶ HQ is typical of NAVFAC but not of the Navy– The Navy estimates reductions from \$1.6B/year to \$1.2B/year
- ▶ Revalidated “steady state” requirement using NMCI CLIN costs was \$3,923 per seat
- ▶ Made additional “**tough choices**” to reduce to an affordable **\$3,360 per seat** (\$24.4M on “General Funded” side of NAVFAC)



Tough Choices



- ▶ Less configuration flexibility
 - ▶ E.g. **choose** between **CDRW*** or Zip 250, not both
- ▶ Storage: More external (CDRW), or More Network?
 - ▶ **CDRW for every fifth customer***, not every other one
 - ▶ **3.5GB of network storage per user***, not 1.5GB
- ▶ **Live with existing PDA** (Palm Pilots) -- for at least a year, anyway
- ▶ Live with **less print services**
- ▶ Live with **less big (21") monitors**



Milestones Defined



▶ **Assumption of Responsibility (AOR)**

- ▶ Vendor “takes over”
- ▶ Existing “NMCI-like” infrastructure becomes vendor property
- ▶ Vendor pays existing contractors as subs
- ▶ Existing Government employees work side by side with ISF for 30-90 days
 - ▶ Not an issue at NAVFACHQ
 - ▶ EDS must pay Government employees at NWCF activities

▶ **Cut-Over (CO)**

- ▶ IT replacement happens
- ▶ Cutover *begins* with first delivered PC

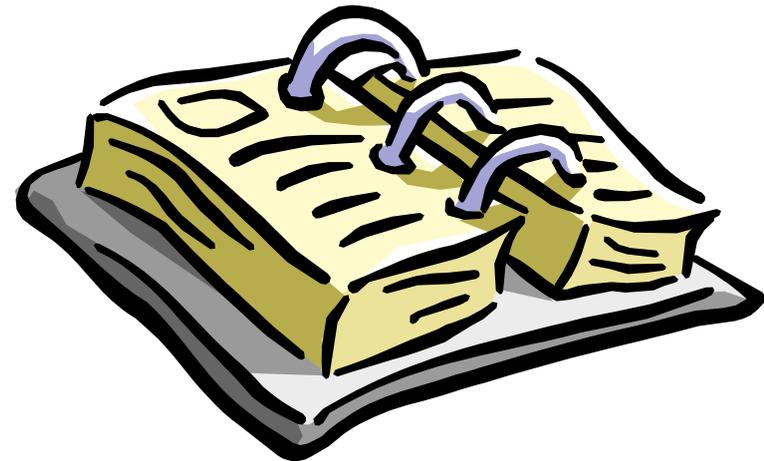
▶ **Initial Operating Capability (IOC)**

- ▶ Vendor achieves required SLA performance
- ▶ Government begins to pay full price (vice 85%)

When? NMCI Schedule **Slippage**



- ▶ “Scheduled” Assumption of Responsibility (AOR) Dates
 - ▶ 3rd & 4th Quarters 01 and 1st Quarter 02
 - ▶ January 02
 - ▶ May 02
 - ▶ September 02 (current est., depends heavily on Legacy Apps efforts)
 - ▶ Quarters, Increments, Phases (NAVFAC in Phase 2.0)



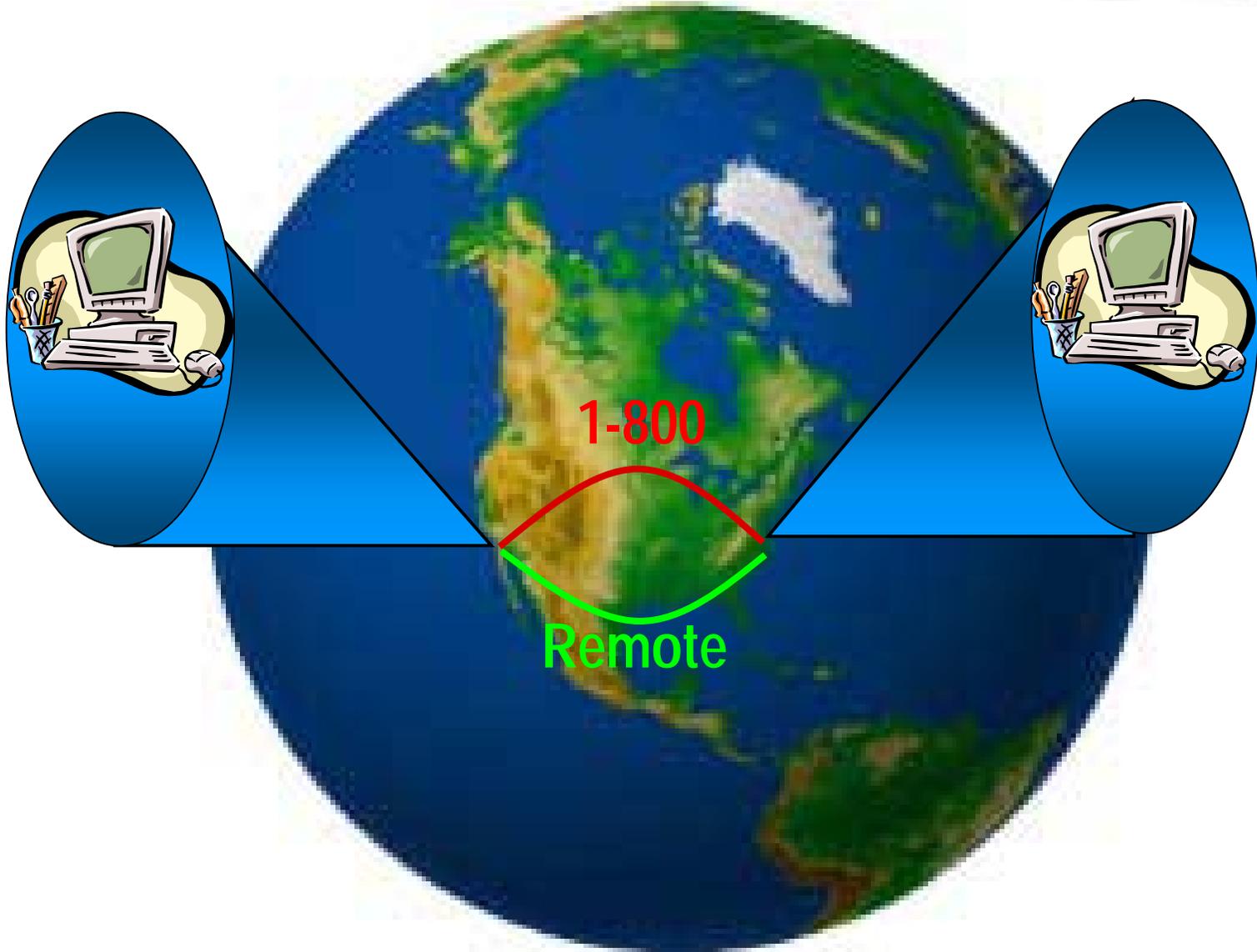
Where Will We Get Support?



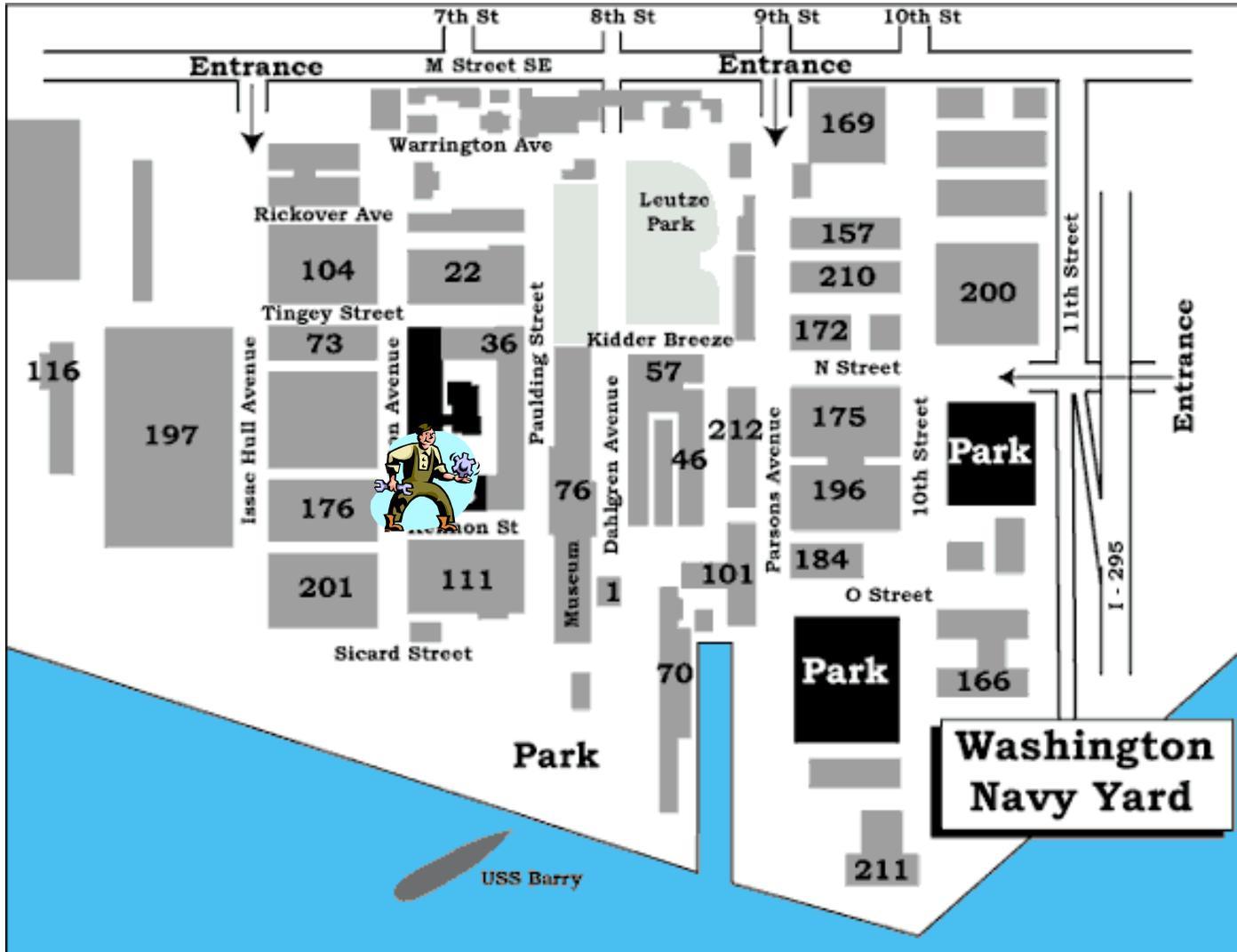
- ▶ Expect increased use of 1-800 and remote support
- ▶ Expect some physical contractor & server relocation
- ▶ Existing small business
Contractors are subbed to ISF
 - ▶ ISF claims staffing currently 55% small business
 - ▶ Ultimate goal of 40% small business partnership



Expect Increased Use of 1-800 and Remote Support



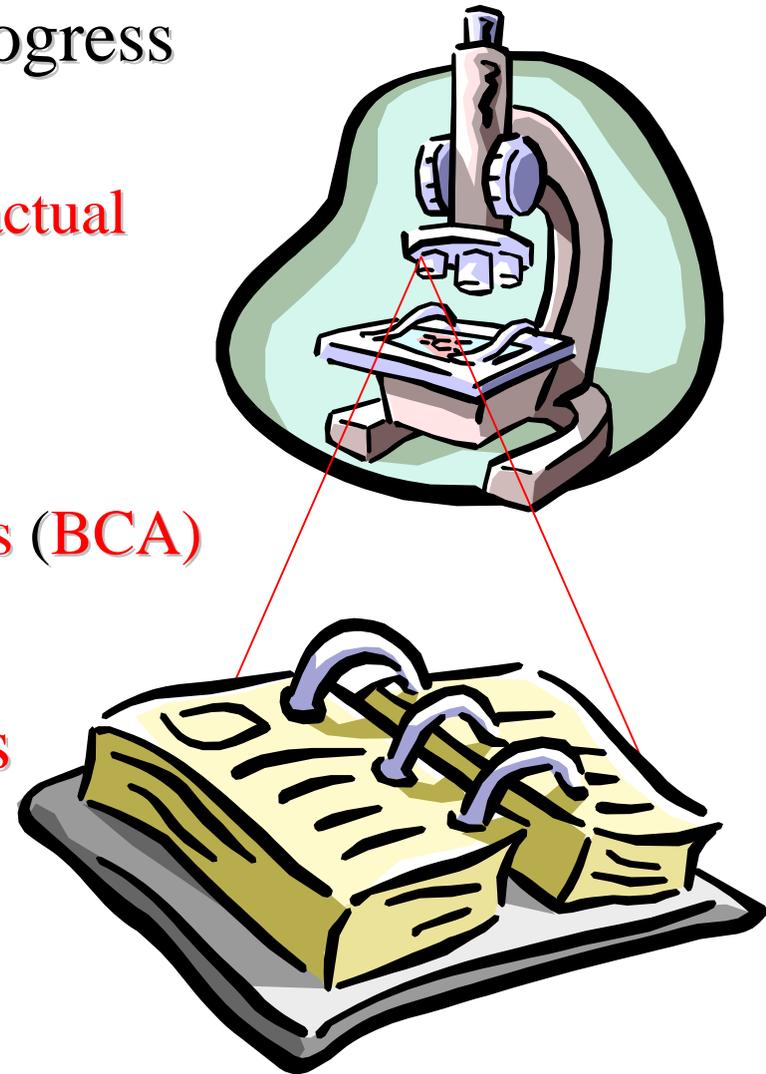
Expect Some Physical Contractor & Server Relocation (to Centralized)



NMCI Test & Evaluation Deliverables



- ▶ Per OSD, additional NMCI progress depends on:
 - ▶ Navy and OSD assessments of **actual performance**
 - ▶ Certification of **Clinger-Cohen Compliance**
 - ▶ Updated **Business Case Analysis (BCA)**
 - ▶ Project systems **security plan**
- ▶ **NMCI Test & Evaluation Sites at NAVAIR:**
- ▶ Results to DON, DOD, OMB, **Congress**



How Can We Get Ready to Begin?



- ▶ IT folks:
 - ▶ Communicate communicate, communicate
 - ▶ Collaborate
 - ▶ Count and recount

- ▶ End customers:
 - ▶ Assist with asset location and planning,
 - ▶ Collect proof of licensing,
 - ▶ **Reduce** Server based **Email** databases

Software & Seat Management



- ▶ **“Gold Disk” Software Specifications:** Windows 2000, Exchange/Outlook, Office 2000 Professional (Word, Excel, PowerPoint, MS Access), Internet Explorer 5.0, Virus Protection - Norton A/V, Adobe Acrobat Viewer, NetMeeting 3.0, Windows Media, WinZip, Smart Card Support, TN3270 Client - IP 3270 Client, VT100 Emulation, Remote Management Software, Active Directories.
- ▶ **Seat Management:** Includes Installation/transition support, Helpdesk function, NIPRnet/Internet access, technology refresh, Client Access to network services, printer support.
- ▶ **Price:** Included!



"Red" Desktop Hardware (80%)



- ▶ **Hardware Specifications:** Dell OptiPlex GX110, Pentium III 800MHz w/256K cache, 10GB disk drive, Multimedia, 17" monitor



Portable Hardware (20%)



- ▶ **Hardware Specifications:** Dell Latitude C600, Pentium III 700MHz w/speedstep technology, 128MB RAM, weight 4-5 lbs, 6GB disk drive, Multimedia, **Port replicator**, 17" monitor, external mouse, keyboard



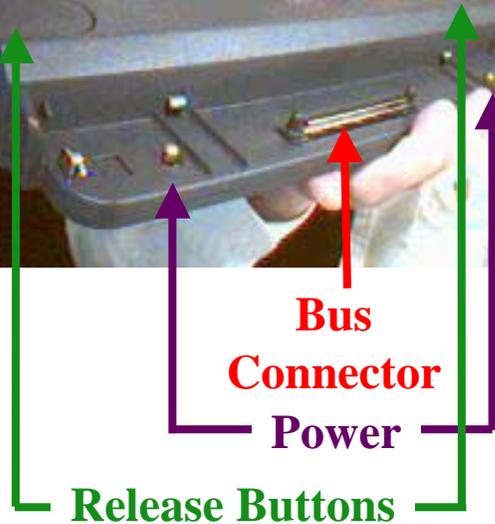
Portable Includes Monitor, Kbd, Mouse



Port Replicator Adds Video, Kbd, Mouse



Front View

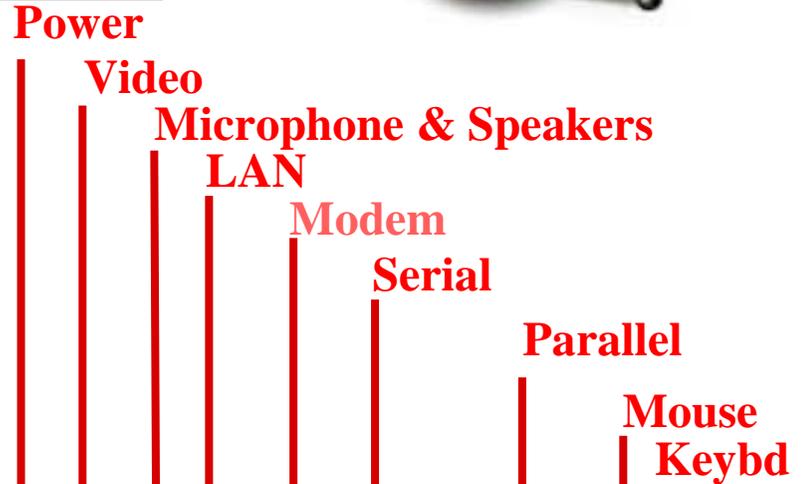
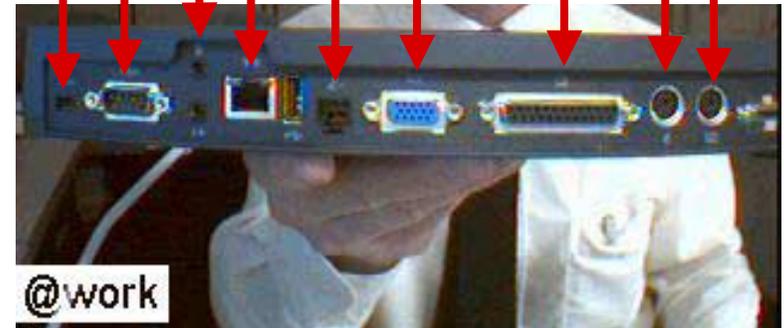


Bus
Connector

Power

Release Buttons

Rear View



Power

Video

Microphone & Speakers

LAN

Modem

Serial

Parallel

Mouse

Keybd

Remote Access



Home



NAVFAC



Firewall

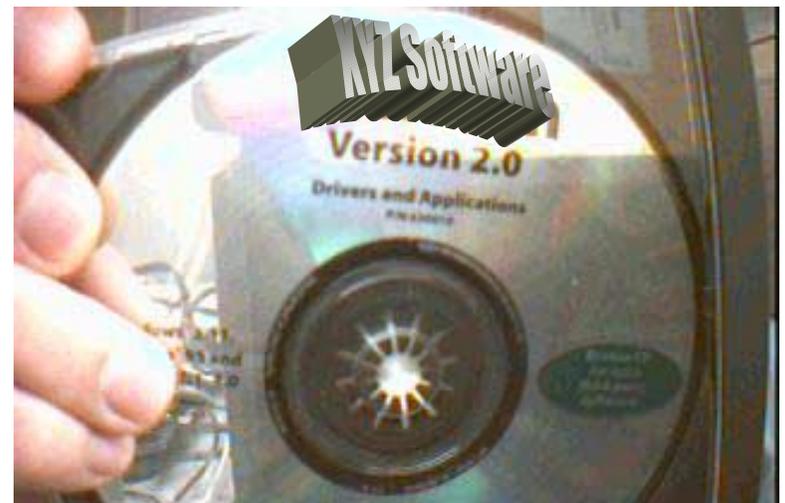
Remote Access



End User Licensing Agreements (EULA)



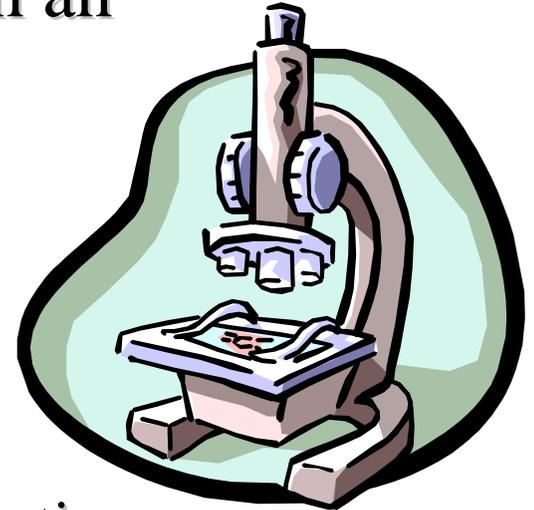
- ▶ Ground rule: Users will **not** be able to install software
- ▶ Non-NMCI software will not be installed without proof of appropriate software licensing
- ▶ Not a new issue
- ▶ Gather your documentation of proof of purchase
 - ▶ Purchase Orders
 - ▶ Licensing Documents
 - ▶ CDs, floppies, other distribution media
 - ▶ Don't worry about Windows, Office Components or Groupware (Email)



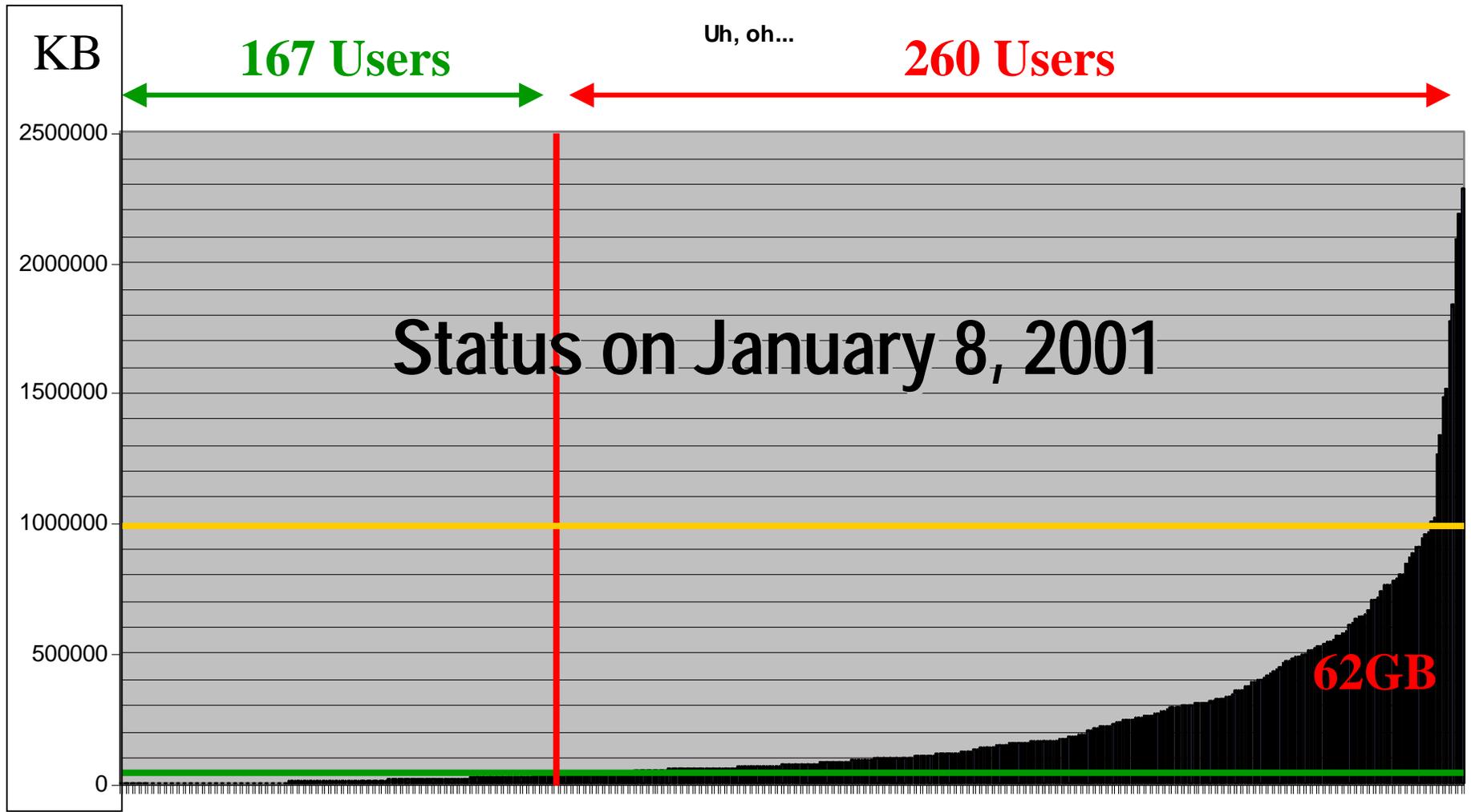
NMCI: Legacy Application Certification



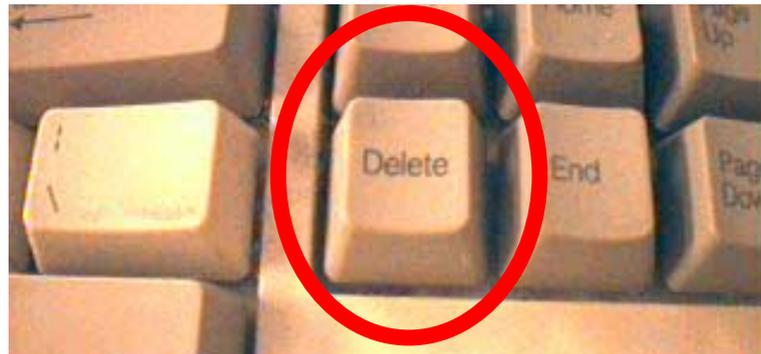
- ▶ All legacy applications must go through an **NMCI certification process**
- ▶ Criteria:
 - ▶ Windows & Office 2000 compliance
 - ▶ Security and Firewall compliance
 - ▶ Not redundant to other Navy/NMCI applications
 - ▶ Which applications may be eliminated (this is a business line leaders decision)
- ▶ Re-engineering to be compliant will be an **additional Navy cost**



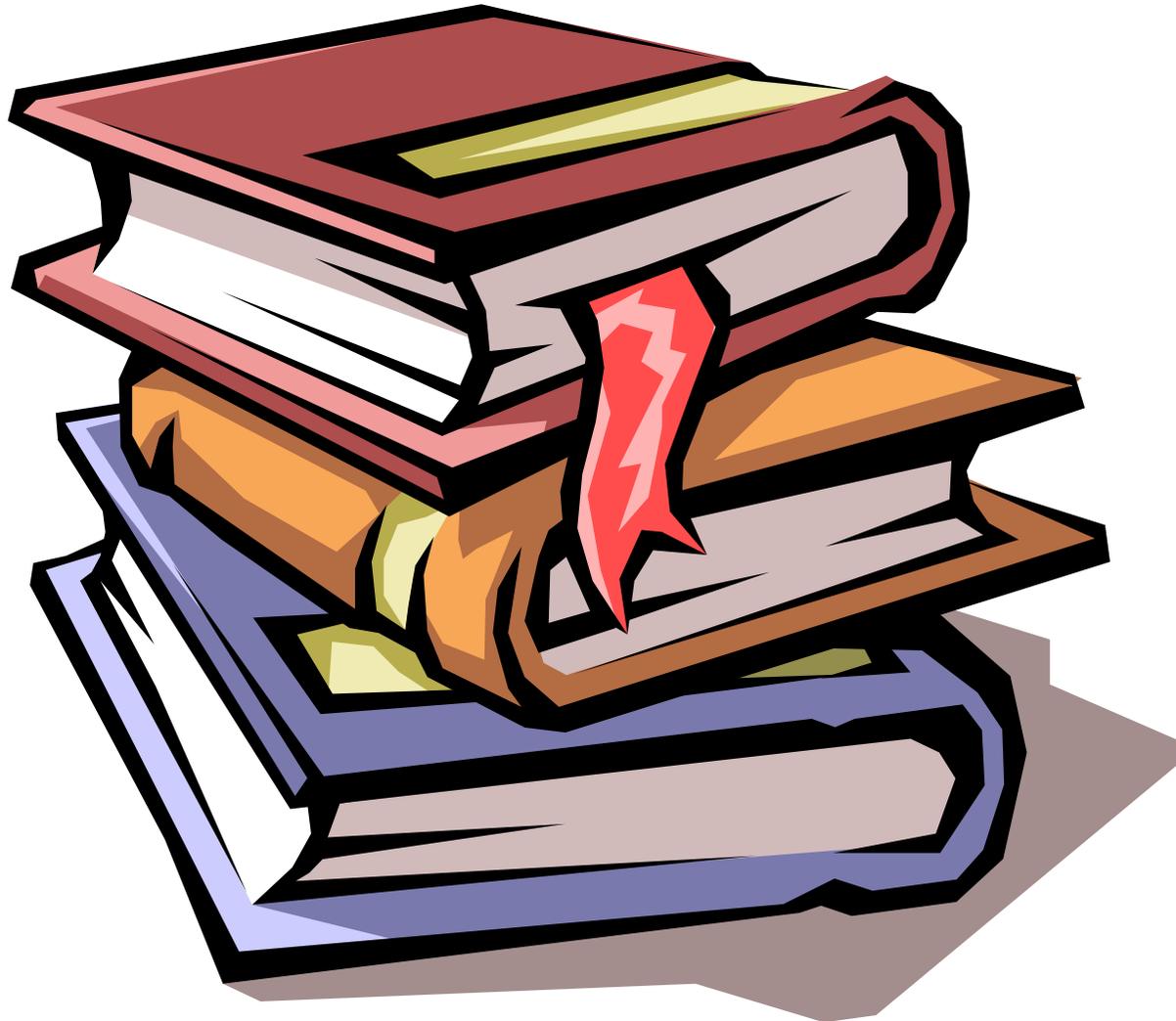
50 MB Mail Limit (@#%!!!!) in NMCI



- ▶ We are working to raise the email store from 50MB to as much as 1GB
- ▶ We need to archive email more, but remember--
 - ▶ CDRWs won't hold more than 600MB
 - ▶ Archived files larger than 1.75GB risk corruption (& loss)
- ▶ We also need to remember the location of **this button**:



What Reference Materials Are Available?



Click Here for NMCI Info!



Especially check out <http://www.eds.com/nmci/>