



Knowledge management is hot. Market researchers at Federal Sources Inc. report that federal spending on Knowledge management products and services will double annually between now and fiscal 2003, reaching \$6.3 billion in that year.

-from Knowledge is Power. Really.
GovExec.com

The Navy has gone full-speed ahead in adapting knowledge practices and processes. There is no company in the world anywhere near it in scope," "And it's a very balanced endeavor. They are talking about people, technology and social relationships that make things work."

- Larry Prusak, executive director of IBM's Institute for Knowledge Management in Cambridge, Mass.

Building the Knowledge Enterprise

The military's knowledge management programs are so comprehensive, in fact, that the private sector can learn much from them, from more effective ways to apply information technology to new ways of teaching.

- Charting a Knowledge Management Course, *Computer World*

Online repositories of knowledge have proven their worth because they save time, leverage human expertise and prevent people from reinventing the wheel.

- *GovExec.com*

The private sector could learn a few things, observers say.... For example, General Motors Corp. in Detroit has about the same number of employees as the U.S. Navy, and it also has a number of knowledge management programs under way, says Larry Prusak, executive director of IBM's Institute for Knowledge Management. "But they are not as effective as the Navy," he says. "People say, 'GM is too big', but the Navy does it."

- The Military's Lessons for Private Industry, *Computer World*



US Navy and Marine Corps

Forward Deployed around the globe (a September 10 snapshot)

Personnel

Active Duty: 375,618

Officers: 54,177

Enlisted: 317,100

Midshipmen: 4,376

Ready Reserve: 170,168

Selected Reserves: 86,217

**Individual Ready Reserve:
83,951**

Civilians: 182,286

Operation Joint Guardian

DET, 4th CAG

Kosovo

Ships: 317

Underway (away from homeport):

110 ships (35% of total)

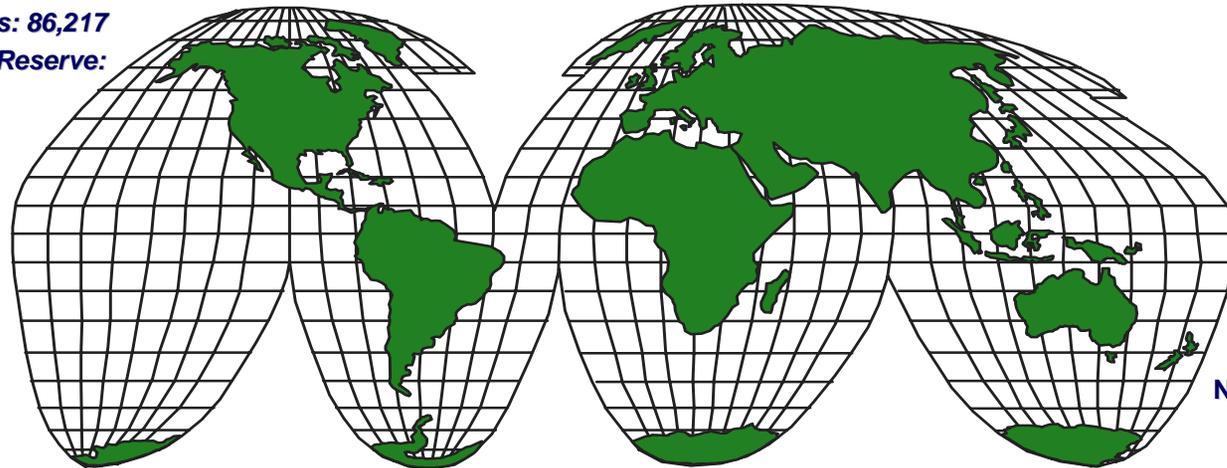
On deployment: 91 ships (29% of total)

Submarines underway (away from homeport):

24 submarines (41% of submarine force)

On deployment: 15 submarines

(25% of submarine force)



**Operation
Northern Watch
VMGR-352
Turkey**

Aircraft carriers underway:

USS Carl Vinson (CVN 70) — Indian Ocean

USS Constellation (CV 64) — Pacific Ocean

USS Enterprise (CVN 65) — Arabian Gulf

USS John C. Stennis (CVN 74) — Pacific Ocean

Aircraft (operational): 4,108

7th Fleet - Pacific & Indian Oceans

42 Ships ~ 25,691 Sailors and Marines

6th Fleet - Mediterranean

18 Ships ~ 6,357 Sailors and Marines

13th Marine Expeditionary Unit

USS Tarawa (LHA-1)

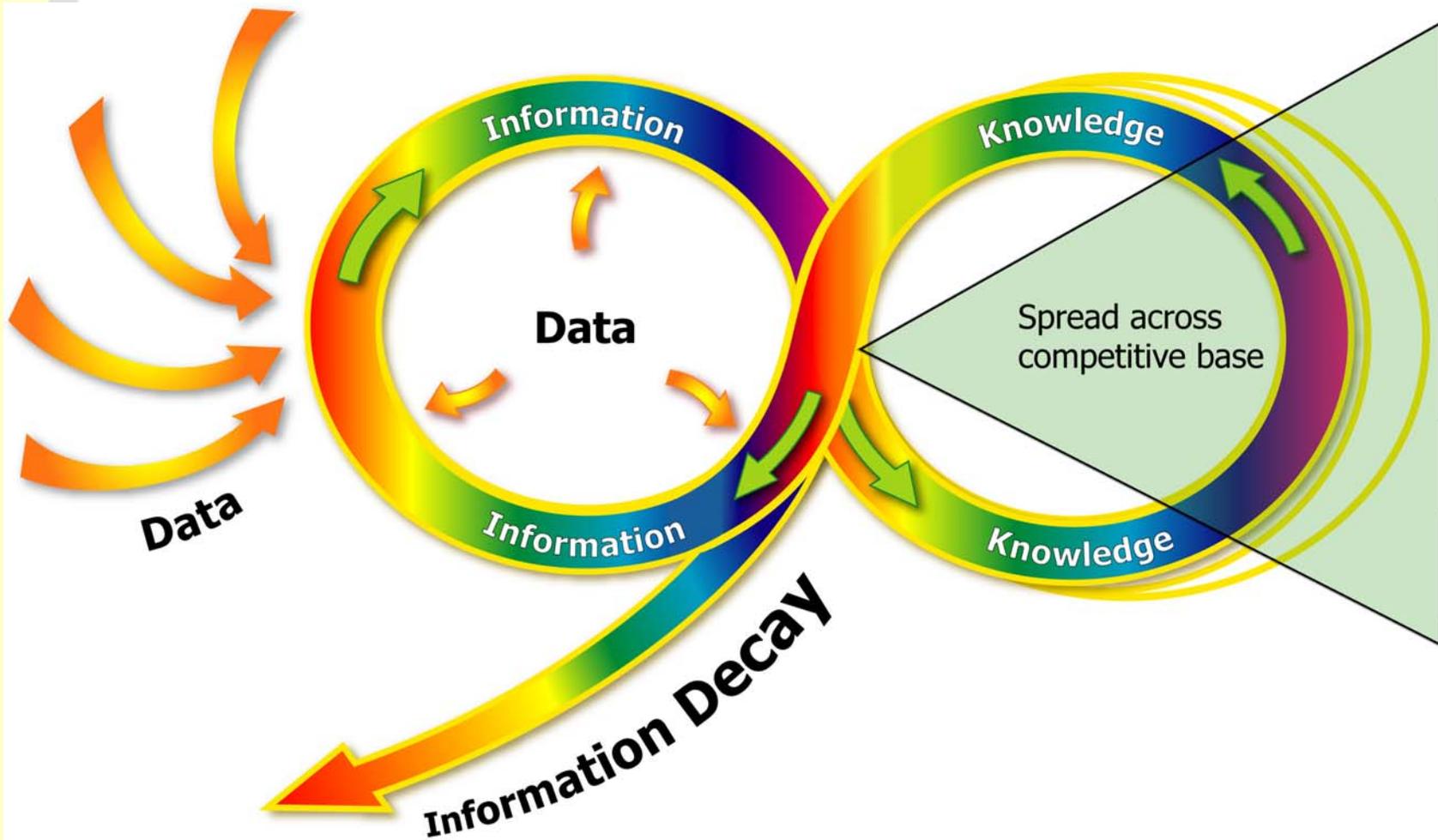
USS Duluth (LPD-5)

USS Anchorage (LSD-36)

Pacific Ocean



The Knowledge Life Cycle





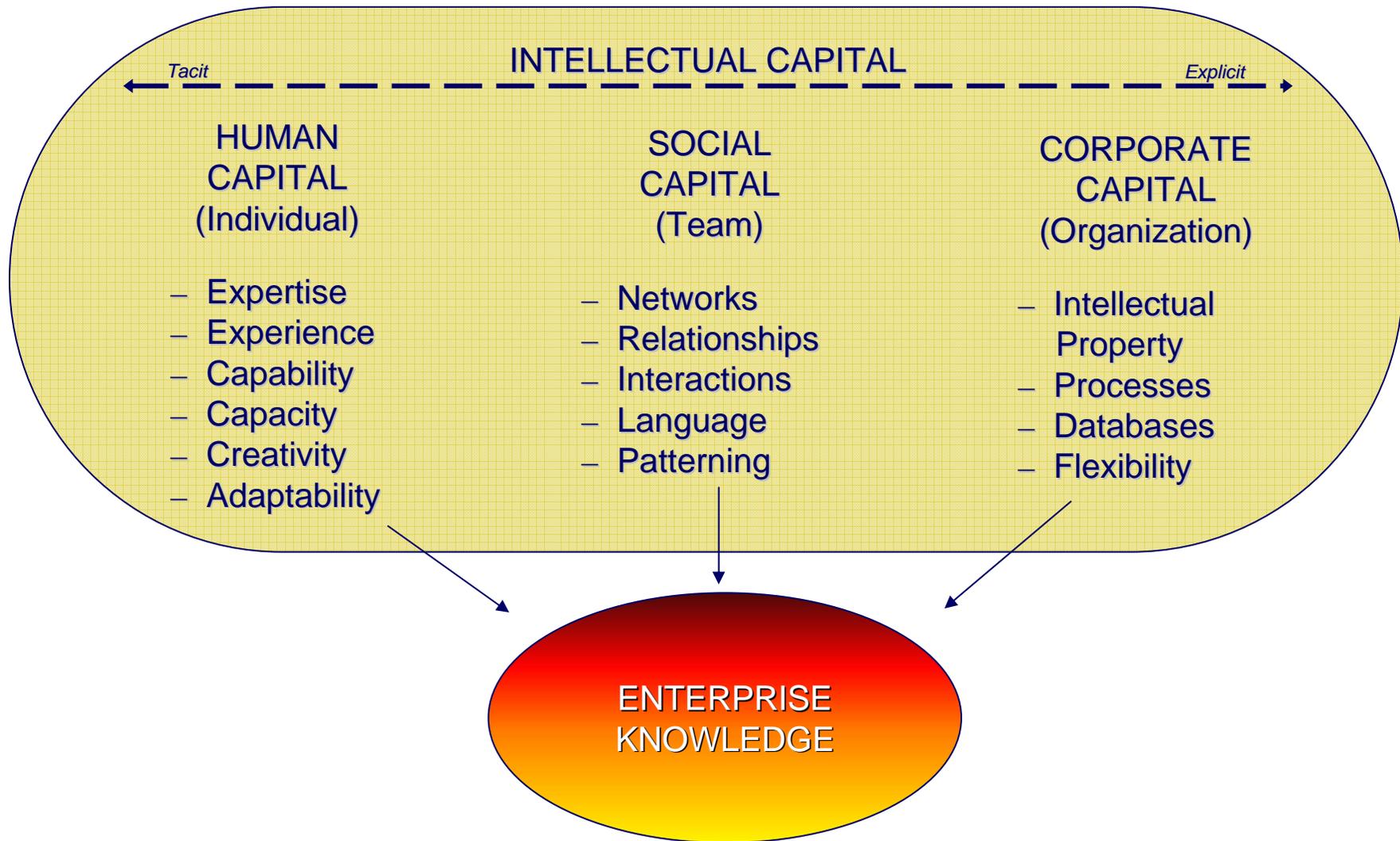
IT Supporting Transformation of Information into Knowledge



Knowledge

- **Data Mining**
- **Navigation and search**
- **Synthesis of information through automated analyses of relationship between information**
- **Inference engines that reason about interactions between data**
- **Intelligent applications that introspect about uncertainties and ambiguities and missing data**
- **Representation of complex knowledge to users**

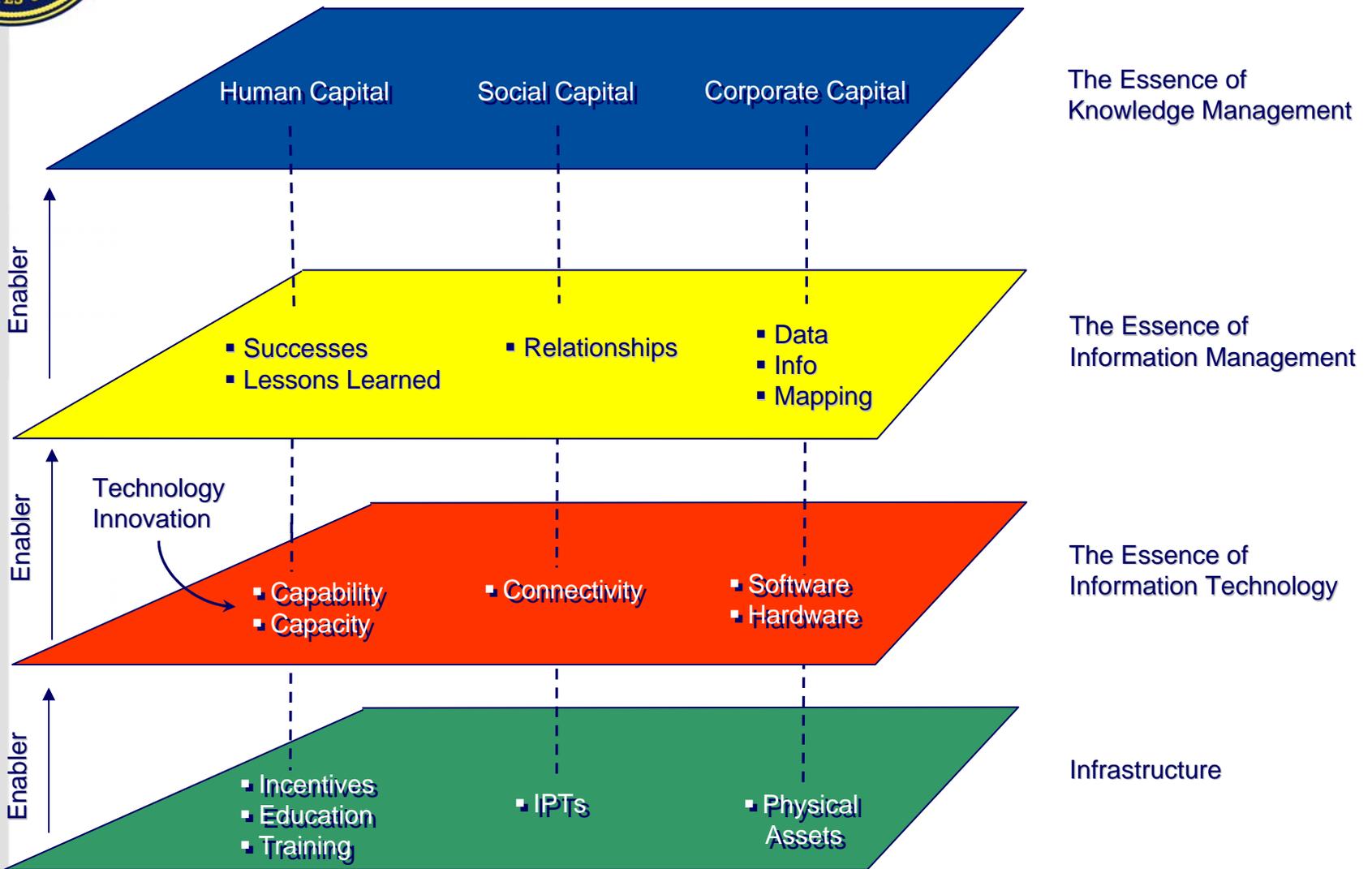
The Essence of Knowledge Management



Knowledge management can be viewed as a process for optimizing the effective application of intellectual capital to achieve organizational objectives.



Relationship of IT, IM and KM





The DON KM Framework

**Enabling,
Facilitating,
Empowering,
Promotes
innovation**



* The Knowledge-Centric Organization Journey



Building Awareness



Preparing the Organization



Building Knowledge-Centric Organizations

INTRODUCTION

- KM Expert Videos
- Guided Search

- New slides on KM & eB, flow, KMFair 2000, & Information Literacy

- CKO as knowledge champion
- Knowledge roles, certification, & networks

- New tools and metrics



Tying it All Together

- Revised to reflect other changes in the CD



Building Communities of Practice

- New communities of practice information: COP CD



Brokering Knowledge

- New OPCENTERS: K-transfer, brokering, & eBusiness roles



Sustaining Knowledge-Centric Organizations

- New performance measurement tool



Bringing the Knowledge of the Department to the tip of the spear!