Guiding Principles

• Operational excellence in all aspects of data center management
  – Facilities and communications infrastructure
  – State-of-the-art toolsets for operators and technicians
  – NetOps processes and procedures

• A cost-effective business environment to support the warfighting customer
  – Consolidation and virtualization of computing assets, wherever practicable

• Speed in delivering capacity to the datacenter floor
  – Managed services partnerships

• ITIL-based processes
Looking Ahead

So, what’s our focus for the next 18-24 months
and
Where can you help?
Software as a Service

Customer Facing
- Large user baseline - continually changing and growing
- Vendor partnership
- DECC hosted
- Tier III support provided by partner
- User self-service provisioned

Supplier Facing
- Software planning and acquisition lead time challenges
- Large number of software vendors
- Large mainframe inventory
- Significant licensing complexity

Common Characteristics and Benefits
- Software managed on “usage” basis
- Negotiated prices established
- Future versions/releases included
- Maintenance and patches provided
- Ability to rapidly grow/change/reduce baseline
- Technology infused on timely basis
- No out-year capital projections required
- Partnership with vendor(s)
Enterprise Sharepoint as a Service (ESPS)

Web hosting service providing DoD commands, services and agencies a flexible web-based content hosting solution.
- Specifically designed as a self-service solution
- Provides organizations the ability to independently create and manage their community, organization, and mission focused information resources.
- Subscribing organizations may brand their sites and content to meet their needs and also take advantage of the standardized taxonomy and templates afforded to the community as a whole.

This service offering is flexible to customer size and needs:
- Per user pricing model
- Shared service or dedicated hosting based on customer size and customization needs

DoD Virtual Office (VOffice)

Provide a web based capability to manage, access, and store common user services (documents, presentations, etc.) within the DOD network.
- Microsoft Word, Excel, PowerPoint and OneNote – initial opportunity
- Service includes a web accessible personal virtual document library (VDrive)
- Complements the DoD Visitor initiative

This service offering is flexible to customer size and needs:
- Per user pricing model
- Shared service or dedicated hosting based on customer size and customization needs
• Strategy for transition -- Overlapping contracts
  
  - Sustainment
  
  
  New Call Orders
  
• Changes:
  
  - Appliances handled through communications capacity contract
  
  - New contract awarded by chip-set vice Operating System
  
• Mission Partner Profile

- Windows, 39.1%
- Solaris, 31.9%
- HPUX, 10.2%
- AIX, 1.3%
- Linux, 16.7%

- Lx-86, 56.0%
- Itanium, 10.2%
- Sparc, 31.1%
- Other, 0.8%
- IBM System P, 1.3%
- Other, 0.8%
• Game changing storage technologies
  – Storage Virtualization
  – Date De-duplication
  – Storage Resource Management
• Physical tape elimination
• WAN compression for storage networking
  – Bandwidth optimization for data replication
  – Geographic dispersed data federation
  – Remote backup/recovery
• Tier Storage
  – Automated data classification
  – Automated Information Life Cycle (ILM) management
**“Greening” DECC Infrastructure**

**Challenge**

* Increasing Energy Costs
* Increased Cooling Requirements From
* High Density Computing (Blade Servers)
* Increased Environmental Regulatory Requirements

**Future / Continued Support**

* Server Virtualization & High Density Storage Arrays
* New Energy Efficient Electrical & Mechanical Systems
* Increased Level of Effort in Infrastructure Monitoring
* Modernized Heat Removal Schemes for Efficiencies
* Enterprise Wide Computer Room Air Flow Modeling

**Value Added**

* Improved Life-Cycle Management Across Enterprise
* Reduction in Enterprise Utility Cost Per EO & GB
* Enterprise Consistency & Standardization
* Increased Capacity, Reliability & Redundancy
## On the Horizon for CSD

<table>
<thead>
<tr>
<th>Contract/Task/Area of Support</th>
<th>Anticipated Start Date</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Capacity Services Contract Initiatives</strong></td>
<td></td>
</tr>
<tr>
<td>Software as a Service (SharePoint and Voffice)</td>
<td>1QFY12</td>
</tr>
<tr>
<td><strong>Re-compete of Existing Capacity Services Contracts</strong></td>
<td></td>
</tr>
<tr>
<td>Capacity Services Processor</td>
<td>4QFY11</td>
</tr>
<tr>
<td>Capacity Services Storage</td>
<td>4QFY12</td>
</tr>
<tr>
<td>GIG Content Delivery Service (GCDS)</td>
<td>4QFY11</td>
</tr>
</tbody>
</table>