



MARINE CORPS SYSTEMS COMMAND
UNITED STATES MARINE CORPS

Advanced Planning Briefing to Industry 2006

Information Systems & Infrastructure

Product Group 10

Overview

Ms. Elizabeth Sedlacek
Product Group Director

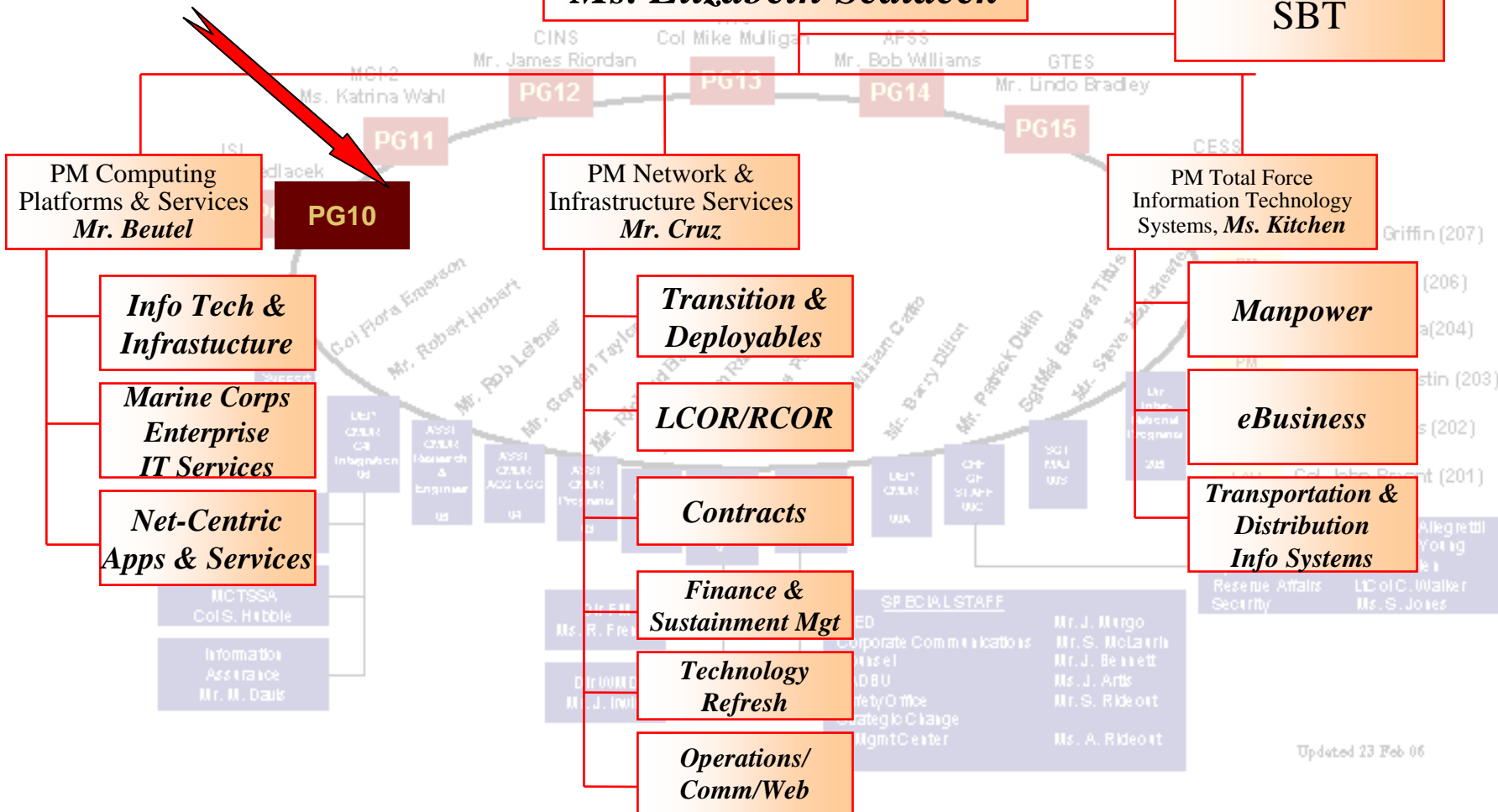


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Product Group Director
Ms. Elizabeth Sedlacek

SBT





Product Group Principals:

PM Computing Platforms & Services: *Mr. Kenneth Beutel, (703) 432-5183*

PM Network & Infrastructure Services: *Mr. Alfredo Cruz, (703) 784-0824*

PM Total Force IT Systems: *Ms. Sonia Kitchen, (703) 432-5178*

Strategic Business Team (SBT):

- Lead Business Manager: *Ms. Sandra Switzer, (703) 432-5174*
- Lead Contracting Officer: *Mr. David Berry, (703) 784-0704*
- Lead Financial Manager: *Ms. Mary Cooney, (703) 432-5176*
- Lead Engineer: *Ms. Jeannette Evans-Morgis, (703) 432-5172*
- Lead Technologist: *Dr. Mitch Raton, (703) 432-5170*
- Lead Logistician: *Ms. Jo Ann Pollard, (703) 432-5171*
- Portfolio Manager: *Mr. Richard Glover, (703) 432-5169*
- Instructional Systems Specialist: *Mr. Danny Hundley, (703) 432-5108*



Information Technology in the Marine Corps
PAST, PRESENT AND FUTURE

Information Technology in the Marine Corps PAST, PRESENT AND FUTURE



Father of the Internet?



Information Technology in the Marine Corps PAST, PRESENT AND FUTURE



Past – 1970s



1972

USMC obtains IBM Mainframes from Army

FAM establish computer centers in support of business operations

ASC existed to support day-to-day base operations

1970 1 2 3 4 5 6 7 8 9 *1980*

1990

Information Technology in the Marine Corps PAST, PRESENT AND FUTURE



Past – 1970s



- USMC obtains IBM Mainframes from Army
- FAM establish computer centers in support of business operations
- ASC existed to support day-to-day base operations
- **ADPE-FMF fielding begins**

1970 1 2 3 4 5 6 7 8 9 1980

1990

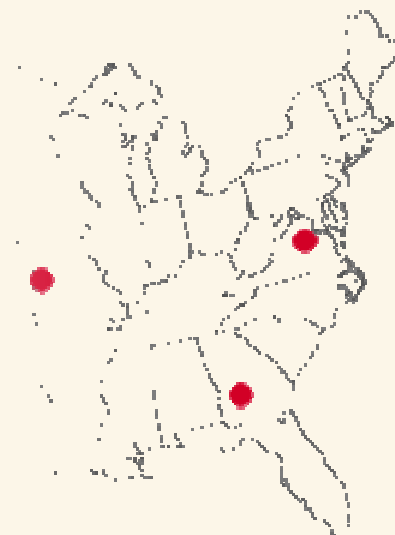
Information Technology in the Marine Corps PAST, PRESENT AND FUTURE



Past – 1980s

**Marine Corps establishes 3 Marine Corps
Central Design and Program
Activities (MCCDPA)**

1982



1970

1980 1 2 3 4 5 6 7 8 9 1990

Information Technology in the Marine Corps PAST, PRESENT AND FUTURE



Past – 1980s

- Marine Corps establishes 3 Marine Corps Central Design and Program Activities (MCCDPA)
- **Marine Corps establishes Regional Automated Services Centers (RASC)**
- **El Toro and Cherry Point designated as Aviation RASCs**

1983



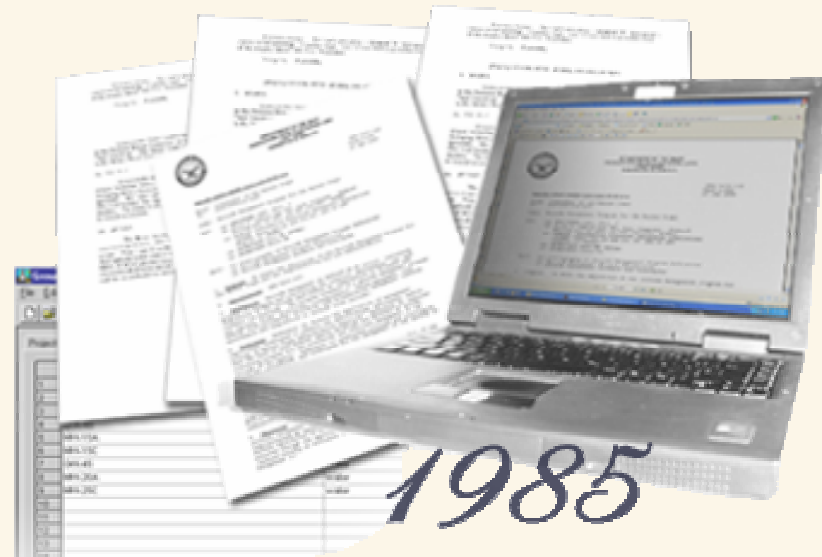
1970 1980 1 2 3 4 5 6 7 8 9 1990

Information Technology in the Marine Corps PAST, PRESENT AND FUTURE



Past – 1980s

- Marine Corps establishes 3 Marine Corps Central Design and Program Activities (MCCDPA)
- Marine Corps establishes Regional Automated Services Centers (RASC)
- El Toro and Cherry Point designated as Aviation RASCs
- **Marine Corps establishes the Information Resources Management (IRM) Standards and Guidelines Program**



1970

1980 1 2 3 4 5 6 7 8 9 1990

Information Technology in the Marine Corps PAST, PRESENT AND FUTURE



Past – 1980s

- Marine Corps establishes 3 Marine Corps Central Design and Program Activities (MCCDPA)
- Marine Corps establishes Regional Automated Services Centers (RASC)
- El Toro and Cherry Point designated as Aviation RASCs
- Marine Corps establishes the Information Resources Management (IRM) Standards and Guidelines Program
- **Banyan Vines established as the “standard” NOS**

Mainframe Applications Proliferate



1970 1980 1 2 3 4 5 6 7 8 9 1990

Information Technology in the Marine Corps PAST, PRESENT AND FUTURE



Past – 1990s

**Marine Corps Moves Mainframe to
Defense Mega Center in St. Louis**

1993



1980

1990 1 2 3 4 5 6 7 8 9 2000

Information Technology in the Marine Corps

PAST, PRESENT AND FUTURE



Past – 1990s

- Marine Corps Moves Mainframe to Defense Mega Center in St. Louis
- **Marine Corps establishes a NOC at Quantico, VA**
- **MCEN is coined**



1996

1980

1990

1

2

3

4

5

6

7

8

9

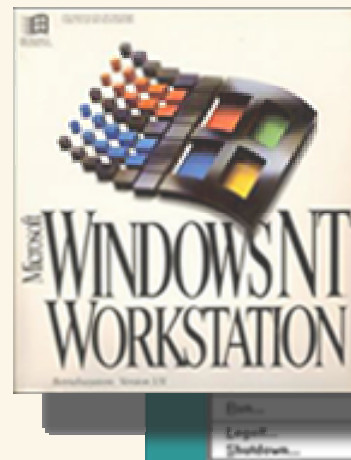
2000

Information Technology in the Marine Corps PAST, PRESENT AND FUTURE

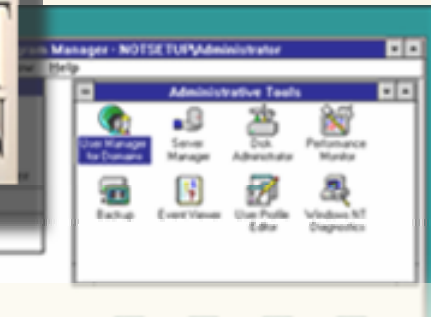


Past – 1990s

- Marine Corps Moves Mainframe to Defense Mega Center in St. Louis
- Marine Corps establishes a NOC at Quantico, VA
- MCEN is coined
- **Marine Corps moves from Banyan Vines NOS to MS Windows NT and Outlook**



1998



Client/Server Applications Proliferate

1980

1990

1

2

3

4

5

6

7

8

9

2000

Information Technology in the Marine Corps PAST, PRESENT AND FUTURE



Past – 2000

NMCI Awarded

**USMC Centralizes all Software
Application Development and
PM at MARCORSYSCOM**

**Marine Corps has almost 8000
“Applications” distributed
across enterprise**

2000



NMCI
NAVY MARINE CORPS INTRANET

1990

2000 1 2 3 4 5 6 7 8 9

Information Technology in the Marine Corps PAST, PRESENT AND FUTURE



Present – *PG10 Information Systems & Infrastructure: Span of Control*

Supporting Infrastructure

Direct Support to Marine Corps

Direct Support to the Marine

Garrison Deployment Supporting Establishment Transition Reserves Training Retirement

Information Technology in the Marine Corps PAST, PRESENT AND FUTURE



Present – Supporting Infrastructure

Supporting Infrastructure

- Navy Marine Corps Intranet
- Marine Corps Enterprise IT Services
- Marine Corps Common Hardware Suite

Garrison Deployment Supporting Establishment Transition Reserves Training Retirement

Information Technology in the Marine Corps PAST, PRESENT AND FUTURE



Present — Direct support to the Marine Corps

Direct Support to Marine Corps

Total Force Manpower Models Reengineering
Total Force Structure Management System

Garrison Deployment Supporting Establishment Transition Reserves Training Retirement

Information Technology in the Marine Corps PAST, PRESENT AND FUTURE



Present – Direct support to the Marine

5

Direct Support to the Marine

- Total Force Administration System / Marine Online
- Marine Corps Total Force System
- Web Orders/Manpower Assignment Support System
- Operational Data Storage Enterprise
- Total Force Data Warehouse
- Unit Diary Marine Integrated Personnel System
- Defense Personnel Record Imaging System
- Automated Performance Evaluation System

Garrison Deployment Supporting Establishment Transition Reserves Training Retirement

Information Technology in the Marine Corps PAST, PRESENT AND FUTURE



Present - Garrison



Cargo Movement Operations System

Wide Area Work Flow

Purchase Request (PR) Builder

Child and Spouse Abuse, Rape and Sexual
Assault, Discrimination and Sexual
Harassment

Defense Incident Based Reporting System

Garrison Deployment Supporting Establishment Transition Reserves Training Retirement

Information Technology in the Marine Corps PAST, PRESENT AND FUTURE



Present - Deployment



Joint Force Requirements Generator
Integrated Computerized Deployment System
Automated Manifesting System, Tactical
Automation Air Load Planning System
Automated Identification Technology
Shipboard Movement Tracking
Theater Medical Information Program
Deployed Theater Accountability System
Defense Casualty Information Processing System
Warehouse to Warfighter
Transportation Capacity Planning Tool

Garrison Deployment Supporting Establishment Transition Reserves Training Retirement

Information Technology in the Marine Corps PAST, PRESENT AND FUTURE



Present – Supporting Establishment

Paperless Acquisition
Standard Procurement System
Electronic Document Access



Garrison *Deployment* ***Supporting Establishment*** *Transition* *Reserves* *Training* *Retirement*

Information Technology in the Marine Corps

PAST, PRESENT AND FUTURE



Present - Transition

- Defense Travel System
- Automated Career Retention System
- Automated Claims Information System
- Manpower Assignment Support System
- Web Orders



Garrison *Deployment* *Supporting Establishment* ***Transition*** *Reserves* *Training* *Retirement*

Information Technology in the Marine Corps PAST, PRESENT AND FUTURE



Present — Reserves/Training/Retirement

- Reserve Duty OnLine
- Manpower Mobilization Assignment System
- Marine Corps Medical Entitlements Disbursement System
- TECOM Integrated Management System
- Marine Civilian Workforce Development
- Marine for Life



Garrison Deployment Supporting Establishment Transition Reserves Training Retirement

Information Technology in the Marine Corps PAST, PRESENT AND FUTURE



Future - Enterprise-Focused, Modular,
Scalable, Capabilities Based Portfolio Management

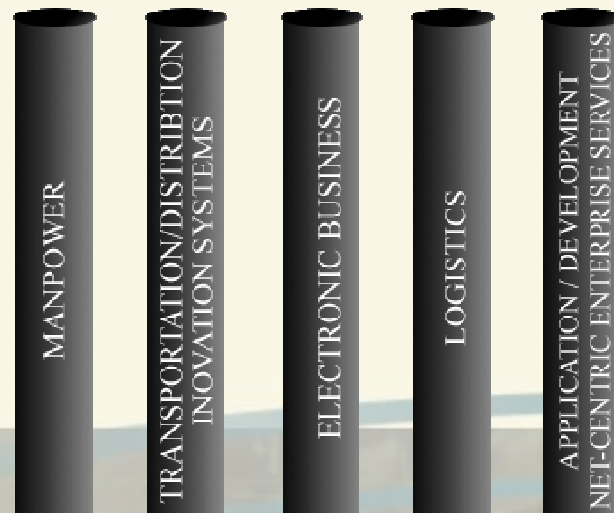
Navy Marine Corps Intranet
Marine Corps Enterprise IT Services

Information Technology in the Marine Corps

PAST, PRESENT AND FUTURE



Future - Enterprise-Focused, Modular,
Scalable, Capabilities Based Portfolio Management



Navy Marine Corps Intranet
Marine Corps Enterprise IT Services

Information Technology in the Marine Corps PAST, PRESENT AND FUTURE



Future - Enterprise-Focused, Modular,
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Information Technology in the Marine Corps PAST, PRESENT AND FUTURE



Future - Enterprise-Focused, Modular,
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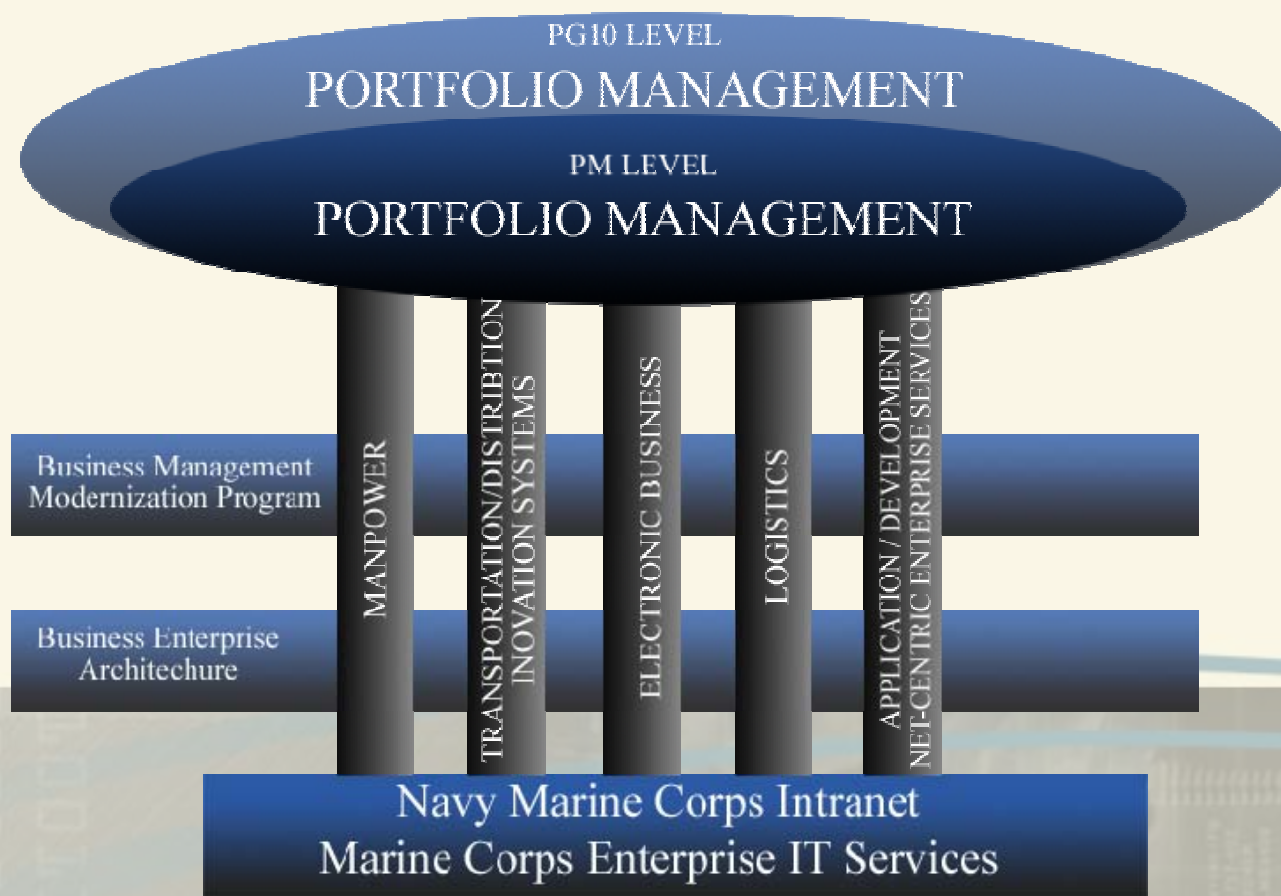


Information Technology in the Marine Corps

PAST, PRESENT AND FUTURE



Future - Enterprise-Focused, Modular,
Scalable, Capabilities Based Portfolio Management



Information Technology in the Marine Corps

PAST, PRESENT AND FUTURE



Future - Enterprise-Focused, Modular,
Scalable, Capable



Net-Centric
Data
Strategy?

GIG?

Bandwidth
Constraints?



Standards?

Grid
Computing?



Virtualization?



Closing Remarks

- General overview of IT history
- History of consolidation and standardization
- How do we move to the next higher level of IT maturity?



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Computing Platforms and Services

Mr. Ken Beutel
Program Manager



PM Computing Platforms and Services Mr. Beutel

Description: *Establish, sustain and continuously refine USMC standard computing platforms and services as tested, certified and reusable components of a information technology framework from tactical warfighting to complex business systems.*

Portfolio Characteristics:

- Mature COTS hardware and software building blocks
- Increasingly sophisticated packaging as scalable, modular, interoperable components used across multiple product groups
- Early adopter managed hosting and enterprise data mastering capabilities
- Emerging net-centric services for community of interest and NCES integration

Timeline: Now through FY10 (Block 1 MCEITS)

Industry Engagement:

- IT Hardware and Software suppliers
- Asset and Configuration Management
- Service Level Management



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PM Computing Platforms and Services Mr. Beutel

Appropriations (\$M)	FY 06	FY 06 Bridge Supplemental	FY 07
RDT&E	\$3.0	\$0	\$4.5
O&MMC	\$15.3	\$0	\$16.3
PMC	\$59.7	\$22.2	\$81.5



Near-Term Program Initiatives

- *Marine Corps Enterprise IT Services*
 - 3Q/06 - RFP for IT Service Delivery
 - 3Q/06 - RFP for IT Service Management
 - 3Q/06 - RFI for Community of Interest (COI) portal analysis, design and support BPA
 - 4Q/06 - RFPs for data center upgrades (storage, management tools)
- *Base Telecommunications Infrastructure*
 - 3Q/06 - RFP for regional E911 and Emergency Response Centers



Future Program Initiatives

- *R&D Investment*
 - 1Q/08 - Enhanced data mastering for Enterprise Shared Data Environment
 - 2Q/08 - NCES Increment 2 and MAGTF C2 harmonization strategies
- *PMC Investment*
 - 2Q/07 - Procure Block 1 Regional Disaster Recovery/COOP infrastructure
 - 1Q/08 - Procure IOC Enterprise IT Centers
 - 1Q/09 - Tactical MCEITS platform refresh
- *O&MMC Investment*
 - 2Q/08 - Procure operations & sustainment for MCEITS Service Management



Discussion Topics

- Extending PKI and directory services into a complete Identity Management (IdM) framework
- Service Oriented Architecture foundation and integration with NCES
- Voice over IP and regional telephony consolidation
- Shared data aggregation and corporate information modeling



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Network and Infrastructure Services

Mr. Al Cruz
Program Manager



PM Marine Corps Network and Infrastructure Services: Mr. Cruz

Mission:

- Acquire quality network and infrastructure services for the Marine Corps to accomplish their warfighting mission

Acquisition Vehicle:

- NMCI Contract (basic thru 2007, 3 option years)

Portfolio:

- Garrison IT infrastructure, network services, office and exchange services, and network security

Help From Industry:

- Accelerate the migration of USMC applications and data to web-centric environment to facilitate life cycle business transformation



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PM Marine Corps Network and Infrastructure Services: Mr. Cruz

Appropriations (\$M)	FY 06	FY 06 Bridge Supplemental	FY 07
RDT&E	\$0	\$0	\$0
O&MMC	\$310.6	\$0	\$312.6
O&MMCR	\$38.3	\$0	\$38.3
PMC	\$0	\$0	\$0



Near-Term Program Initiatives

- **CLO (Cryptographic Logon)**
 - 3Q/06 – Complete pilot phase cutover of ~20K users by 30 Apr
- **VSSD (Very Small Site Design) Implementation**
 - 3Q/06 – Initiate cutover of TECOM seats utilizing VSSD solution
 - 1Q/07 – Initiate cutover of MCRC seats utilizing VSSD solution
- **Asset Reconciliation**
 - 4Q/06 – Complete reconciliation of all NMCI computers in support of Tech Refresh



Future Program Initiatives

- *R&D Investment*
 - None
- *PMC Investment*
 - None
- *O&MMC Investment*
 - 3Q/07 – SIPRnet Rollout
 - On-Going – Continue tech refresh of all NMCI assets on a 36-month rotational cycle



Discussion Topics

- Incorporate new technologies into architecture
- Information Assurance
- Open Network Management Systems
 - Real time Access to Network Status & Performance
- Continuity of Operations
 - Disaster Recovery planning, testing and implementation



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Total Force IT Systems

Ms. Sonia Kitchen
Program Manager



- **Manpower Information Systems** – provides program management supporting the Manpower & Reserve Affairs Department, Headquarters, US Marine Corps
- **eBusiness Systems /AIT** – responsible for the management, deployment and sustainment of DoD eBusiness enterprise initiatives and identity enablers throughout the Marine Corps
- **Transportation & Distribution Info Systems** – responsible for the development, fielding, deployment and life-cycle support of several Joint Unit Move and Sustainment Automated Information Systems as well as the Joint Force Deployment Planning System



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PM Total Force IT Systems Ms. Kitchen

Appropriations (\$M)	FY 06	FY 06 Bridge Supplemental	FY 07
RDT&E	\$18.2	\$0	\$13.4
O&MMC	\$20.6	\$0	\$27.4
PMC	\$14.6	\$0	\$15.6



Near-Term Program Initiatives

- *TFMMR (Total Force Manpower Models Reengineering)*
 - 3Q/06 RFP/Award
- *Marine for Life*
 - 3Q/06 RFP/Award
- *Joint Force Requirements Generator*
 - 3Q/06 RFP/Award
- *PR Builder*
 - 4Q/06 RFP/Award
- *Warehouse-to-Warfighter*
 - 4Q/06 RFP/Award
- *Shipboard Load & Unload Tracking System*
 - 4Q/06 RFP/Award



Future Program Initiatives

- *R&D Investment*
 - 07-10 – Shipboard Movement Tracking Implementation aboard USN Amphibious & MPF Ships
 - 08-12 – Total Force Admin System Spiral Development
- *PMC Investment*
 - 08-12 – RFID Infrastructure/Introduction of Passive RFID Infrastructure
- *O&MMC Investment*
 - 08-12 – Lifecycle Sustainment of Portfolio Programs



Discussion Topics

- Requirements generation process
- Efficiencies gained by conducting portfolio management
- Mainframe transaction system migration in the next 10 years
- Methods to support deployed forces via IT systems



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Panel Questions and Answer Period