



**INFORMATION TECHNOLOGY (IT)
(INFO BRIEF)
CHRISTOPHER M. WILSEY**

**AFCEA QUANTICO Chapter
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MARINE CORPS COMMUNITY SERVICES MISSION

The mission of the MCCS is to enhance quality of life and family readiness by providing Marines, Sailors, and families with resources, education, training, personal contacts, and services to manage the challenges of military service and military deployments.



Marine Corps Community Services

HQMC Advocacy

Deputy Commandant Manpower and Reserve Affairs



Business (predominately nonappropriated funds (NAF))

MCX/Retail
Fuel
Services
Vending

Food and Beverage
Temporary Lodging
Leisure Travel
Commercial Recreation

Marine and Family Programs (predominately appropriated funds (APF))

Behavioral Health
Semper Fit
Sexual Assault Prev/Response
Single Marine
Exceptional Family

Family Readiness
Child and Youth
Transition Readiness
VoEd

Shared NAF Support Functions

Executive Oversight
Human Resources
Benefits/Retirement
Information Technology

Finance/Accounting/Banking/Investments
Procurement
Construction
Marketing

Integrated MCCS Model is Unique within DoD

Mission, Marines and Families



- **MISSION FOCUSED**

- Strategic - contributes to readiness
- Operational - forward deployed globally
- Tactical - Assistance with federal agencies

- **MARINE AND FAMILY FOCUSED**

- MCCS knows Marines and their families
- MCCS translates policy into useful resources
- Services help Marines stay Mission focused and Get Stuff Done (GSD)





Did you know

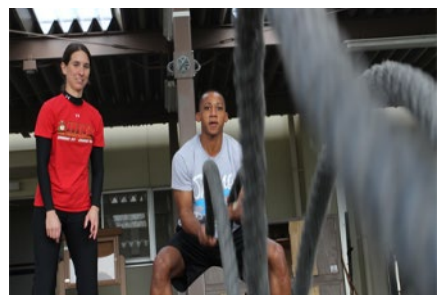
- **MCCS provides business and family support services and has over 13,000 employees globally**
- **MCCS has its own MOS (4130/4133) with approx. 100 Marines**
- **MCCS profits directly support Marine and family Morale, Welfare and Recreation (MWR) programs**
- **NAF policies are different. For example we do not follow the DFAR and our fiscal year starts Feb 1st**



Marine Corps Exchange (MCX) Nonappropriated Fund Contributions



\$50M dividend supports Morale, Welfare, and Recreation programs



Some IT Facts



- **MCCS provides IT services to 13K employees globally**
- **Major systems and applications include: Points of Sale (POS) (food, retail, lodging, recreation), financial, construction, acquisition, and project management**
- **MCCS controls and secures its own Network (.org) enclave separate from the DODIN with two data centers (one outsourced), a purpose built Cloud Access Point with over 20K end devices including servers, networking, POS, end-user, and security**
- **MCCS is actively moving 6 major applications into AWS, AZURE, and ORACLE (Financial Management, 2 POS, Web and Services apps)**
- **MCCS manages and secures about 1,000 databases**
- **MCCS provides free WIFI to thousands of Marines and Sailors globally (barracks, gyms, libraries, training facilities, lodging, and bowling alleys)**
- **Systems must be both PCI and RMF compliant**

Innovations

(Amazon Lockers / robotic process automation)



MEX + **prime**

VETERANS DAY PROMOTION

\$79 for a year of Amazon Prime for Veterans and active military

for **NEW** and **EXISTING** Prime Members!

LIMITED TIME! NOVEMBER 4-11 ONLY!

visit: amazon.com/marinessocialquantico

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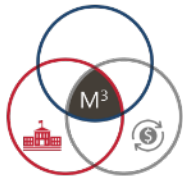
The right side of the image shows a soldier in full military uniform standing at an Amazon Locker. The locker is a grey metal cabinet with a yellow slot for packages. The soldier is interacting with the locker's interface. A sign on the locker reads "GSD".





Innovations Store of the Future

STORE OF THE FUTURE STRATEGY



The STORE OF THE FUTURE will contribute to **M3 objectives** and align to the **GSD Vision** through three key strategic pillars:

1 REDEFINE

REDEFINE what "store" means and design a cutting-edge, Marine-centered **ecosystem** that can't be copied

2 ADAPT

ADAPT today's retail and services to deliver solutions that meets Marines needs, our wider community, and the diversity of bases

3 ADVANCE

ADVANCE our service delivery for today's demands, bring solutions to our Marine Community 24/7



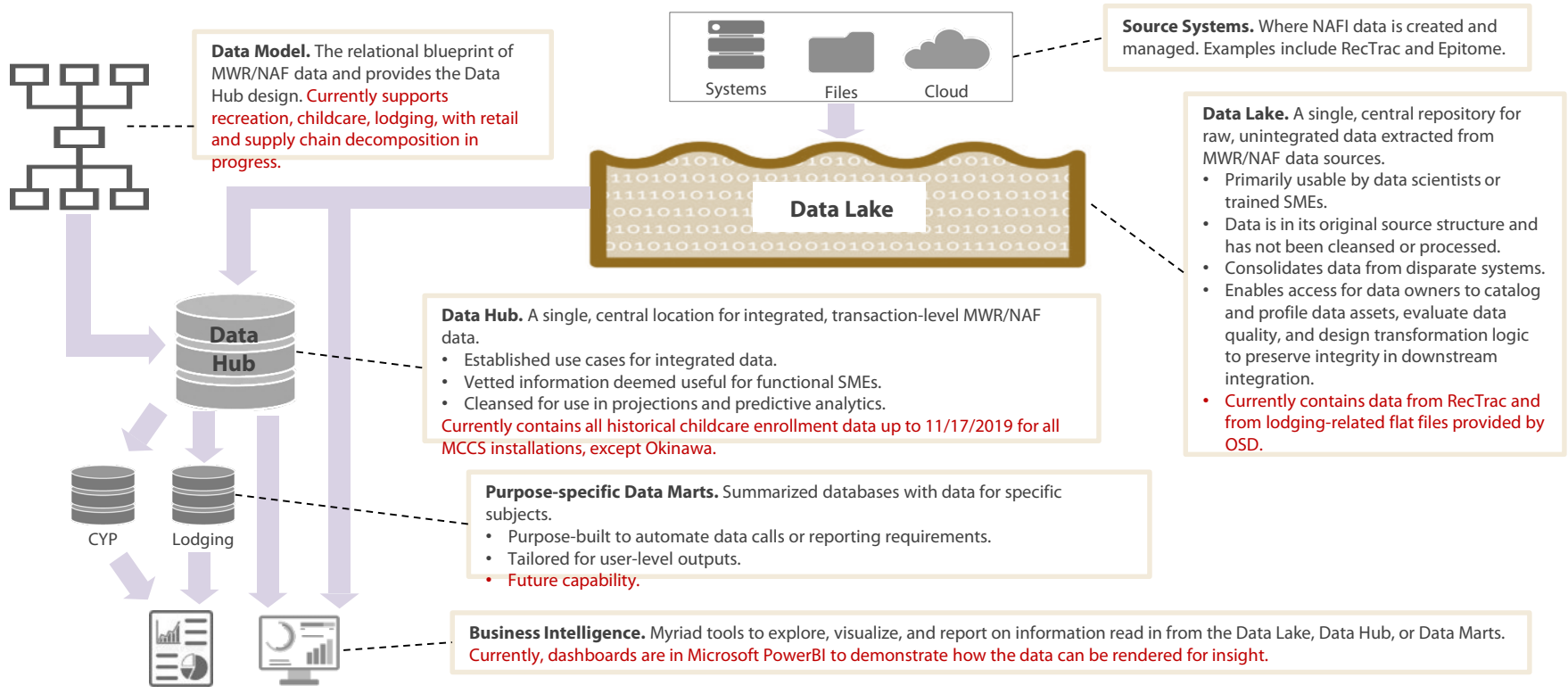


IT Innovations – Data Optimization

- Data optimization is a DoD-wide NAF effort led by MCCS to create business and technical solutions utilizing the data we already have into vetted and merged data sets and volumes
 - Have developed a data warehouse and data hubs
 - Have pulled in multiple databases from disparate systems into a data lake
 - Can quickly ingest and parse any databases or discrete data streams
 - Move outputs into configured hubs or leave for interrogation in warehouse
- Data Optimization potential
 - Quickly ingest, vet, understand, and cross reference data
 - Quickly interrogate data and produce results with Business Intelligence tools
 - Trend analysis and future prediction models
 - Identify functional requirements for follow on programs or IT capabilities
 - Provide easily measurable data for decisions



DO Current Capabilities





Cloud Efforts

- MCCS has a HQMC C4 approved Cloud Access Point; currently awaiting DoD approval per policy
- Developing IT capabilities and hosting workloads in:
 - AWS
 - MS Azure (via Project Hosts), O365 (Pilot)
 - Oracle
 - Exploring other options
- Currently utilize cloud based web and email filtering as well as a cloud based security stack for web front end protection
- Exploring options to establish cloud brokerage services to support NAFI, .ORG, .COM DoD IT capabilities which are not supported by DISA



MCCS IT Strategy

- Improve all aspects of retail service and experience
- Invest in IT wisely - reduce waste, improve margins, improve Marine value
- Reach our entire customer base and keep them as steady customers
- Develop flexibility to pivot with the market
- Create business and industry partnerships where it makes sense
- Automate everything possible
- Develop predictive business intelligence



IT Outlook

- Develop an IT plan and architecture aligned to the MCCS business plan
- Develop an industry mindset to acquire and cultivate skilled IT talent
- Improve access to cloud services
- Speed up the network
- Improve security smartly
- Review our architecture
- Leverage governance
- Automate IT services





Questions

 **PRICE MATCH
PROMISE**
We Match That!
**IT MATTERS
WHERE YOU SHOP**



MARINE & *Family*
**Marine Corps Family
Team Building**