United States Air Force Reserve

Integrity - Service - Excellence

Panel Discussion on Strategic Overview of AFR's Innovation and Technology

28 Aug 18

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Panel Members

- Col Jerry Narum
  - Director, Cyberspace and Technology
  - Chief Information Officer
- Col Shane Matherne
  - Chief, Capabilities and Integration Division
- Fred Massey
  - Chief, Plans and Programs
- Clayton Sammons
  - Chief Technology Officer

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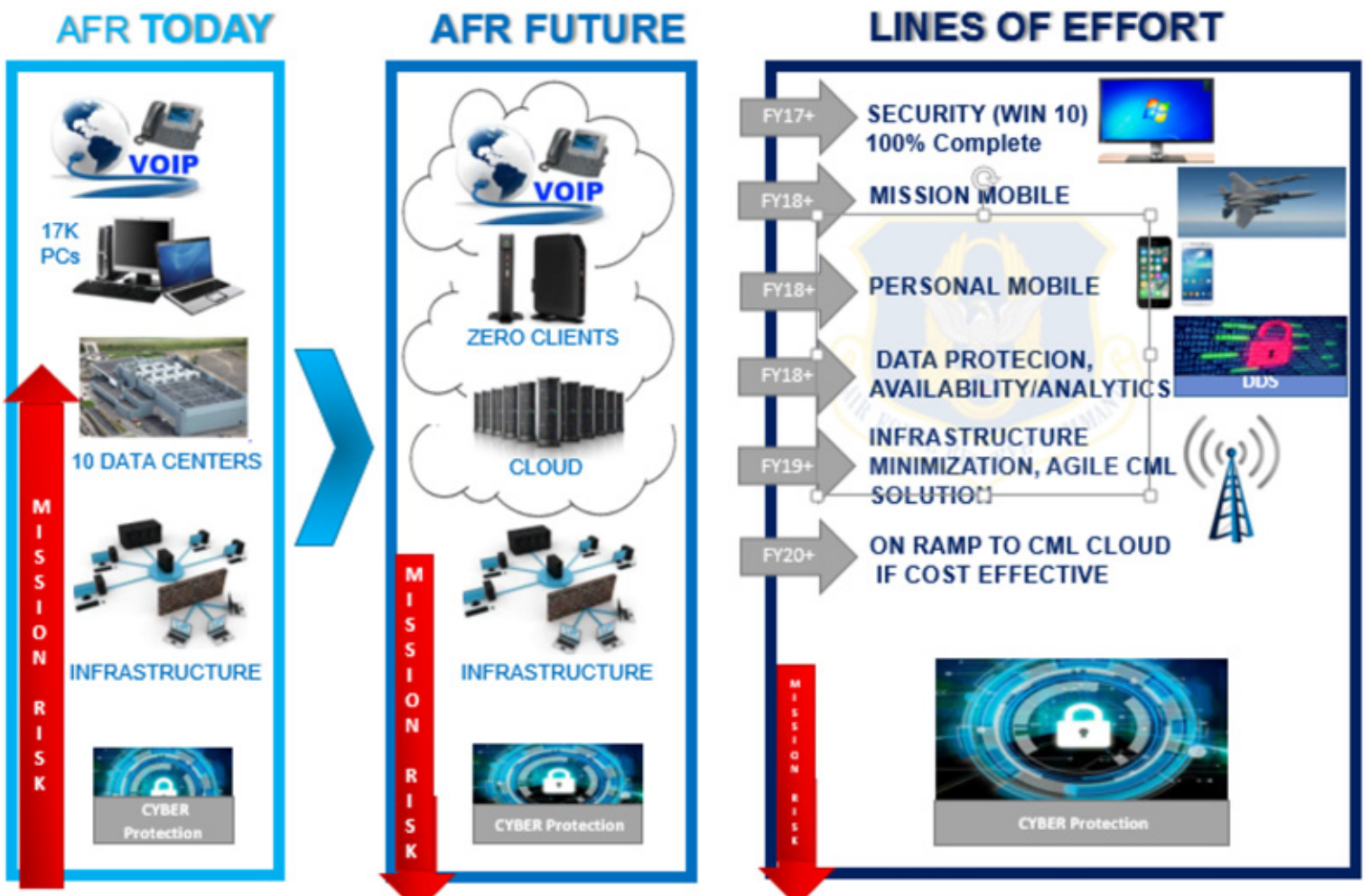
Transforming IT Service Delivery



Leveraging Commercial Solutions & Increasing Cyber Protection

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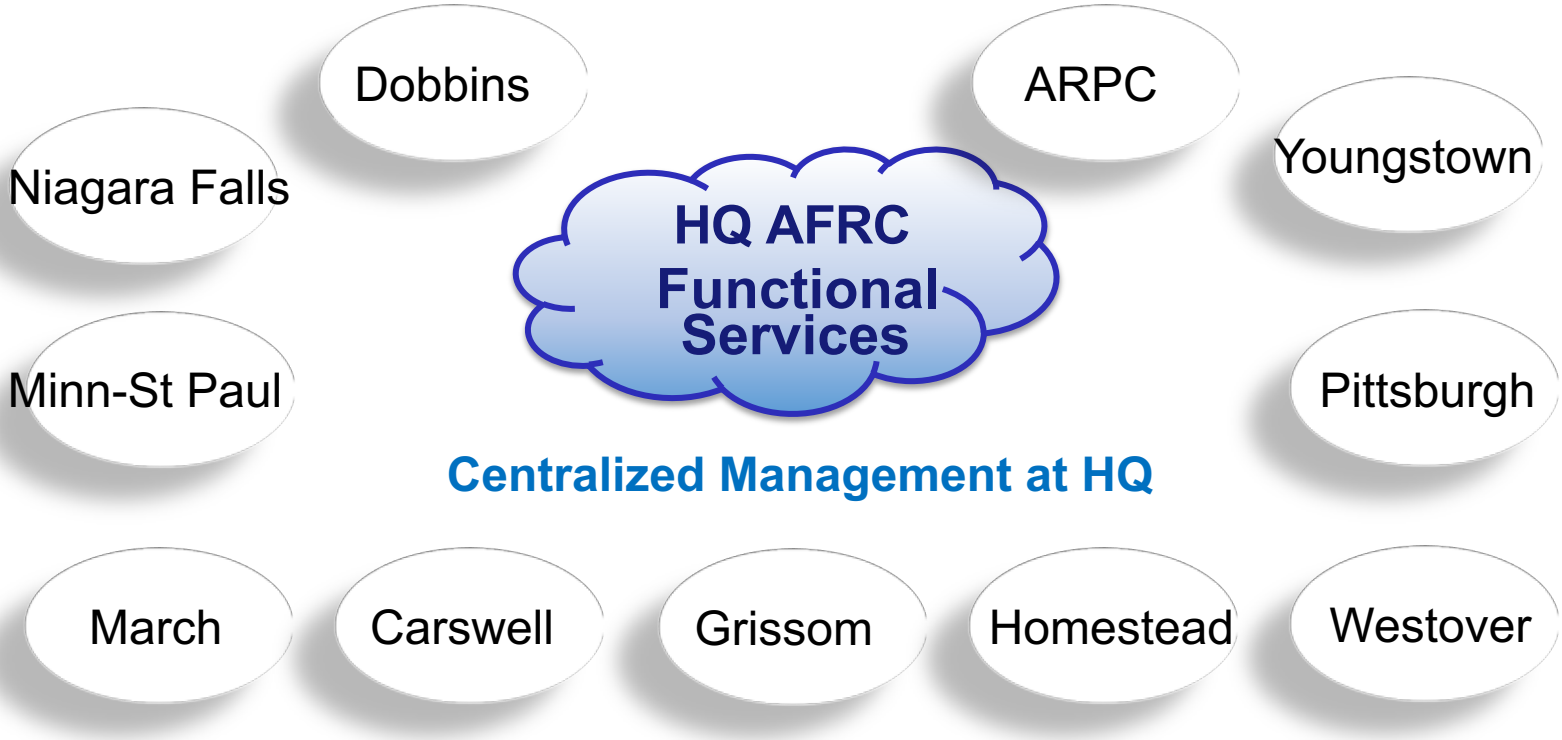
AFRC VDI

- **10 bases/2 locations/virtual apps—23K users**
- **Vmware/Cisco UCS/EMC XtremIO/Dell Wyse**
- **Virtual environments distributed at bases**



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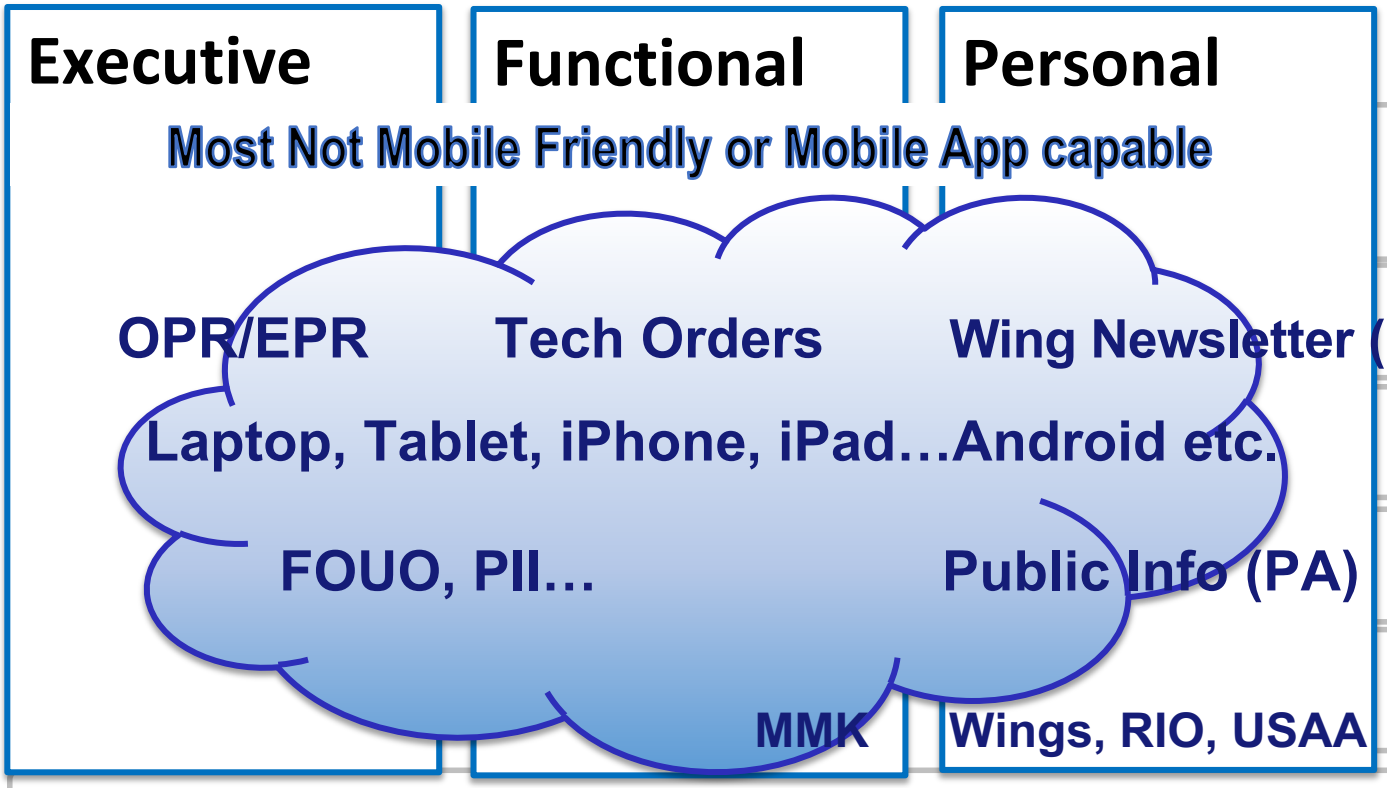
AFRC VMI

Air Force Mobile Environment

Hybrid Cloud Environment



AF Business Systems

Content

Devices

Data

Mobile Apps

Device Management/Security, Content Management,
Encrypted Data Transactions & Access to NIPR from Personal Devices

Mobile Infrastructure

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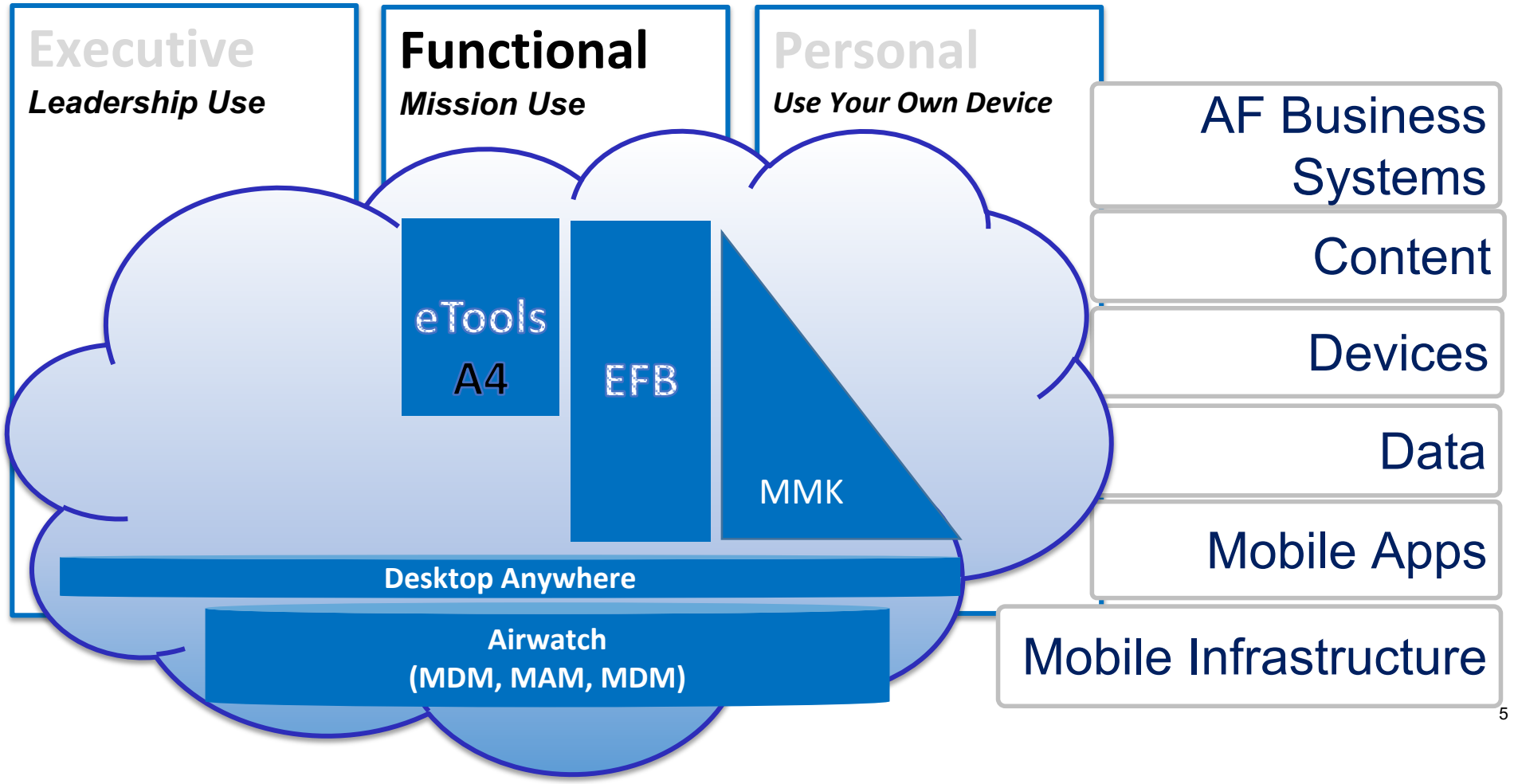
Functional Mobile

Hybrid Cloud Environment



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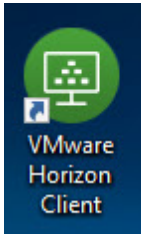
Desktop Anywhere/Airwatch

- Purposes:
  - Create/use secure virtual desktop inside the AF Network
  - Means to securely access resources as if at an AF desk/device
  - Designed for mobile non-physically AF base located users
  - Reduce/eliminate need for issuing gov't laptops to non-resident users
  - Enable AFRC's move to mobile workforce
  - Enable AFRC to move from fixed desktops to mobile devices
  - Enable mobile Unified Collaboration
- Description:
  - Uses HorizonView app
  - Works as if you're at an AF desk on an AF computer
  - Can use on personal Macs/PCs
  - Once Airwatch and Purebred are available, can use Android, iOS
- Targeted Users:
  - Primarily IMAs
  - Recruiters
  - AFRC host base users



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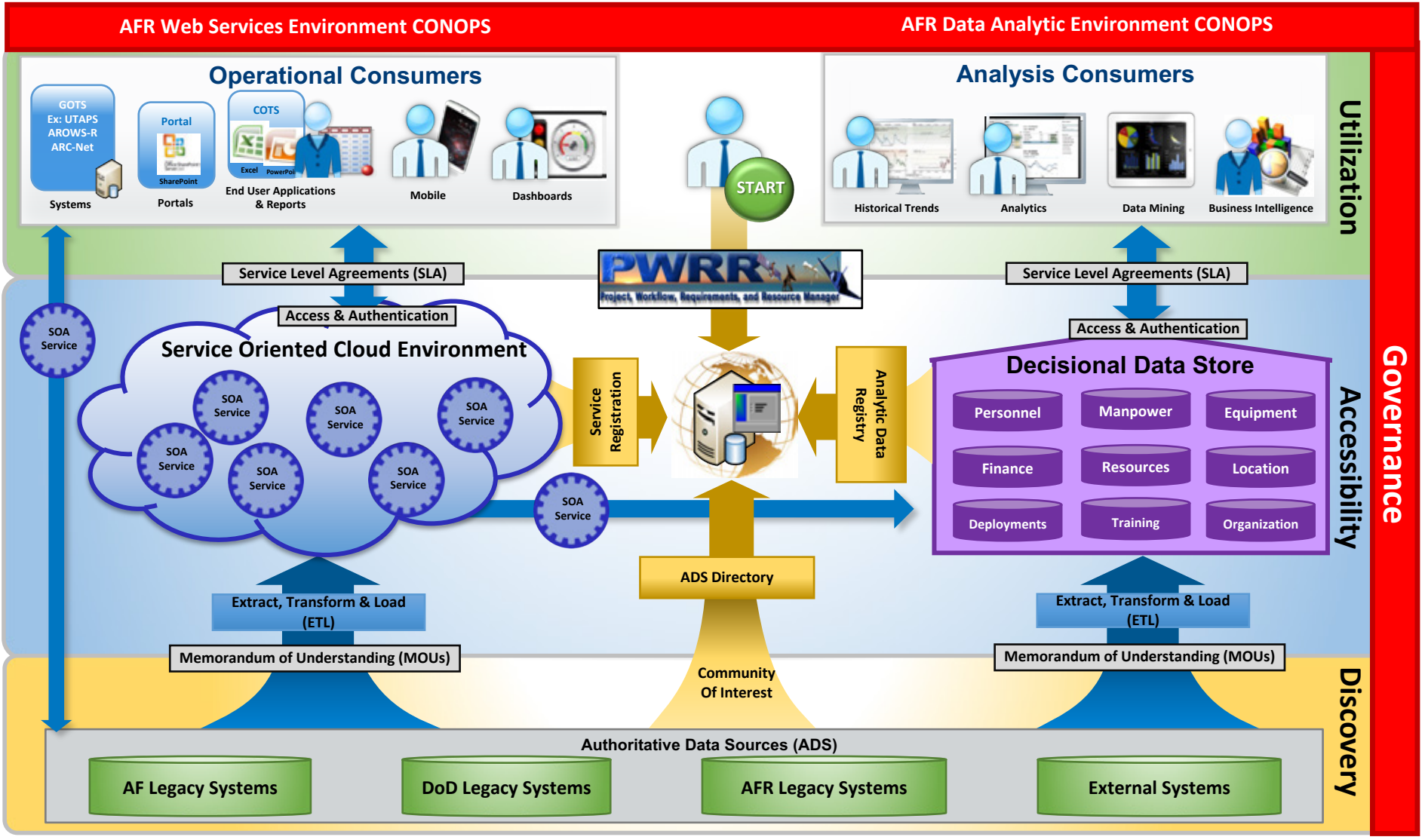
ARC Shared Data Environment



ARCNet Auto Data Feeds (Future)

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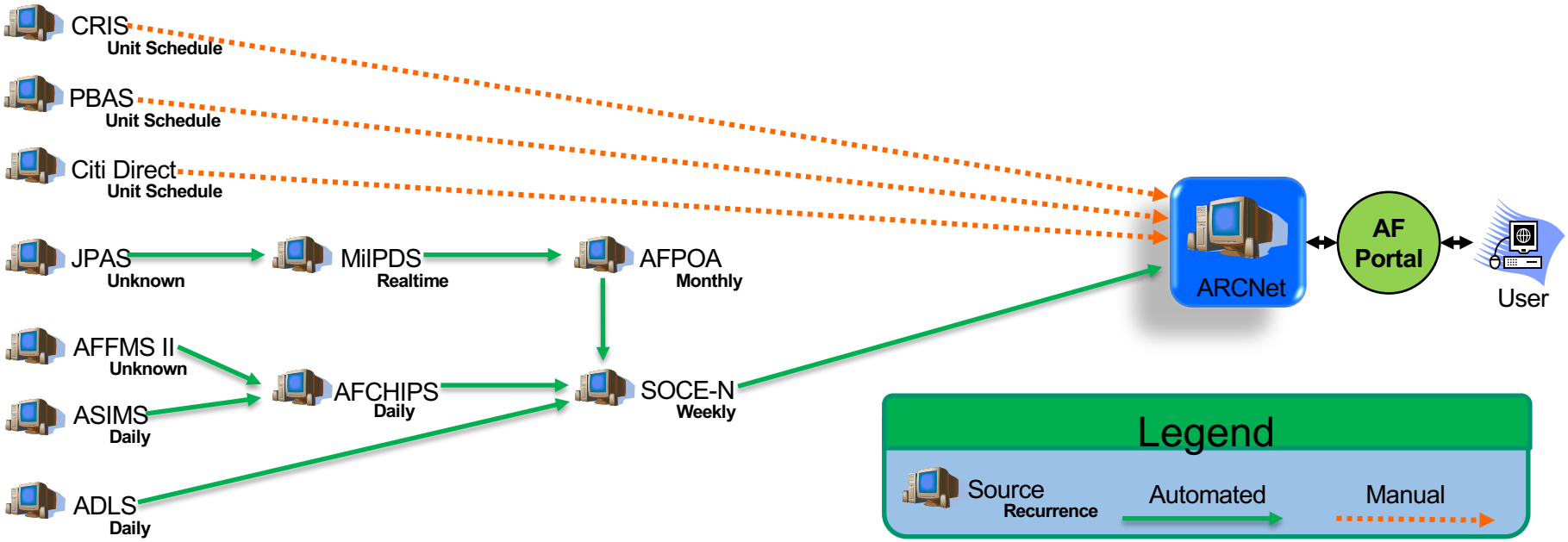
- Tomorrow's ARCNet will receive all data through SOCE-N, an AFRC/A6 internal data aggregation cache. currently receives personnel data from 8 authoritative data sources. However, 3 sources based on units providing the data to ARCNet for import.



Questions?