

Integrated Technology Services

Network Support for Trusted Internet Connections

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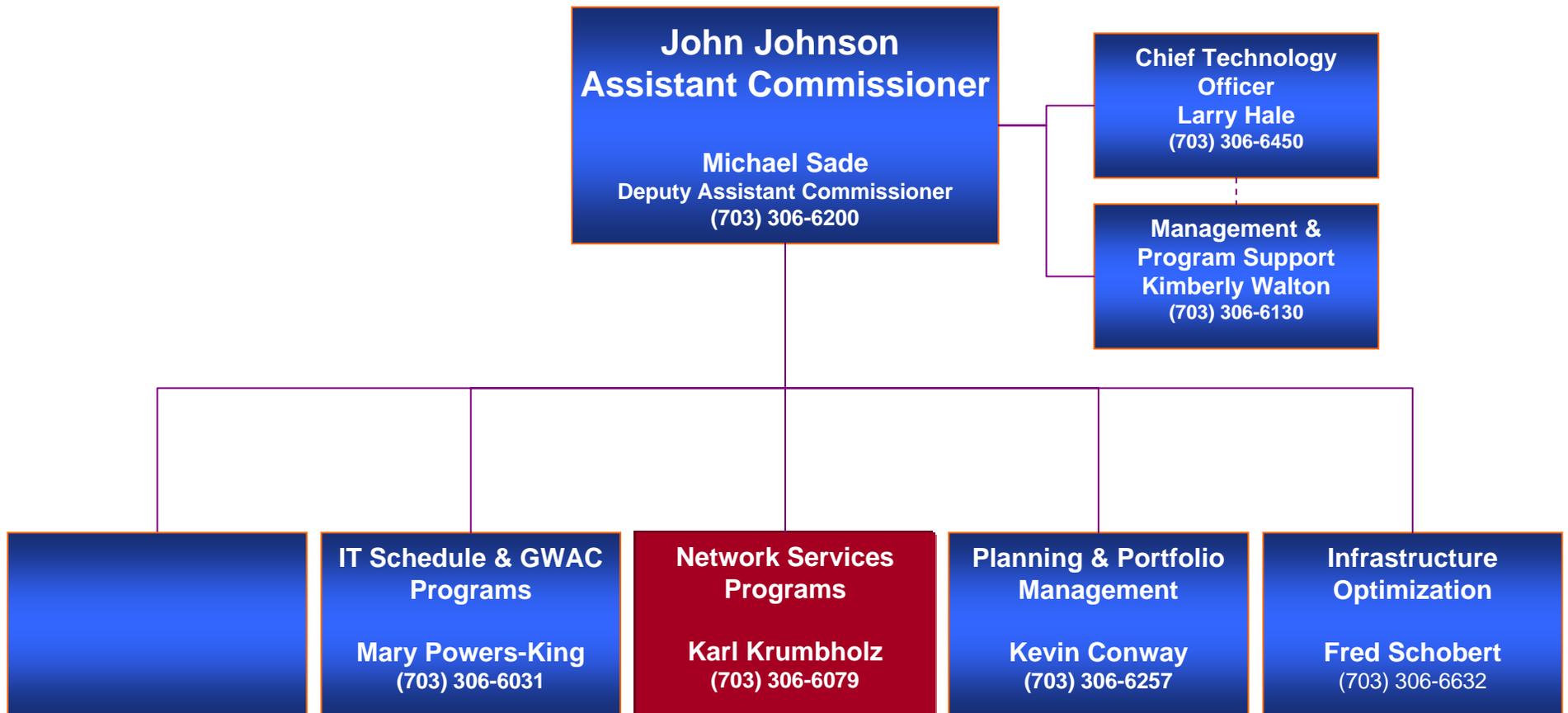
General Services Administration

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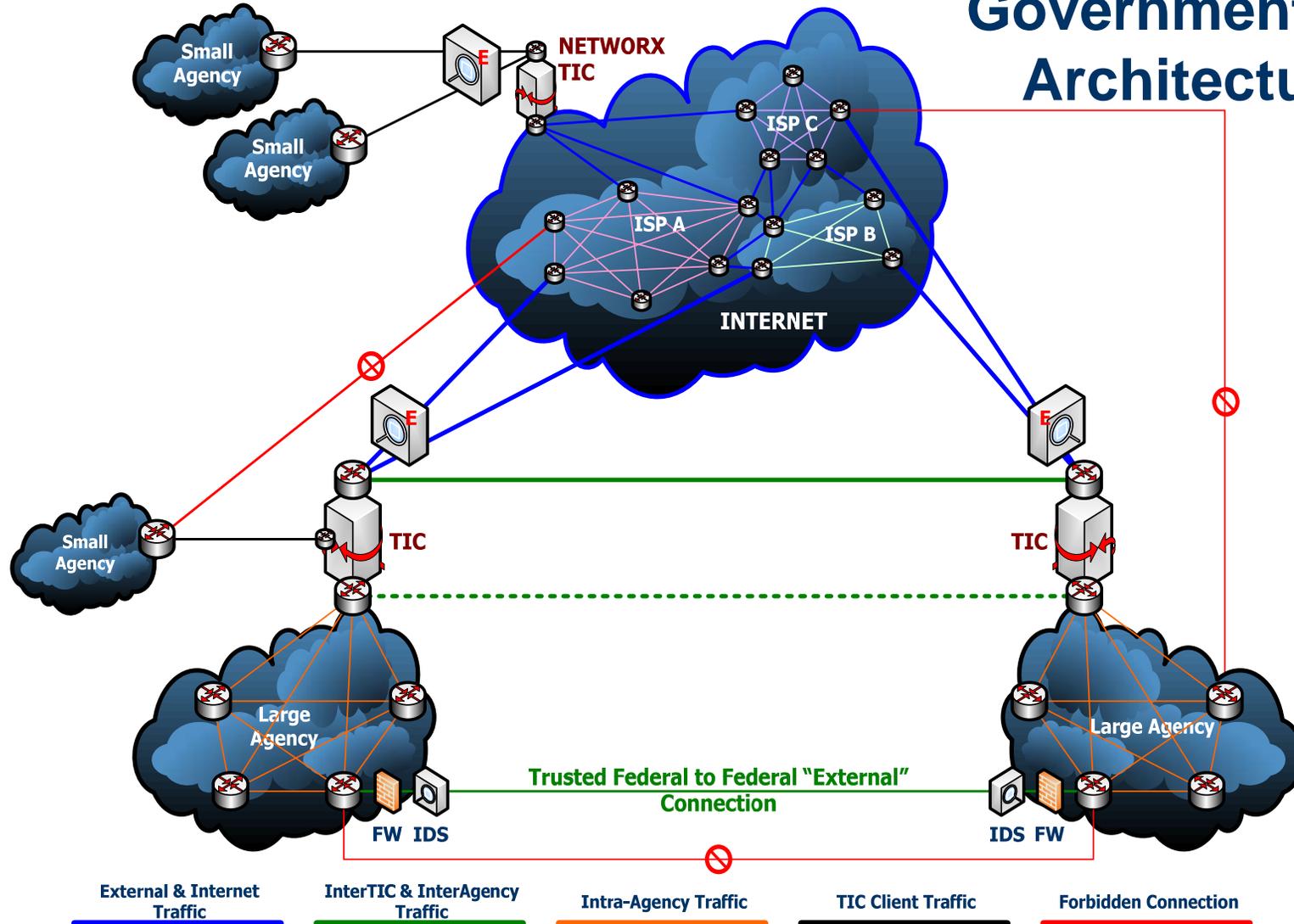
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Integrated Technology Services (ITS)



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Government TIC Architecture





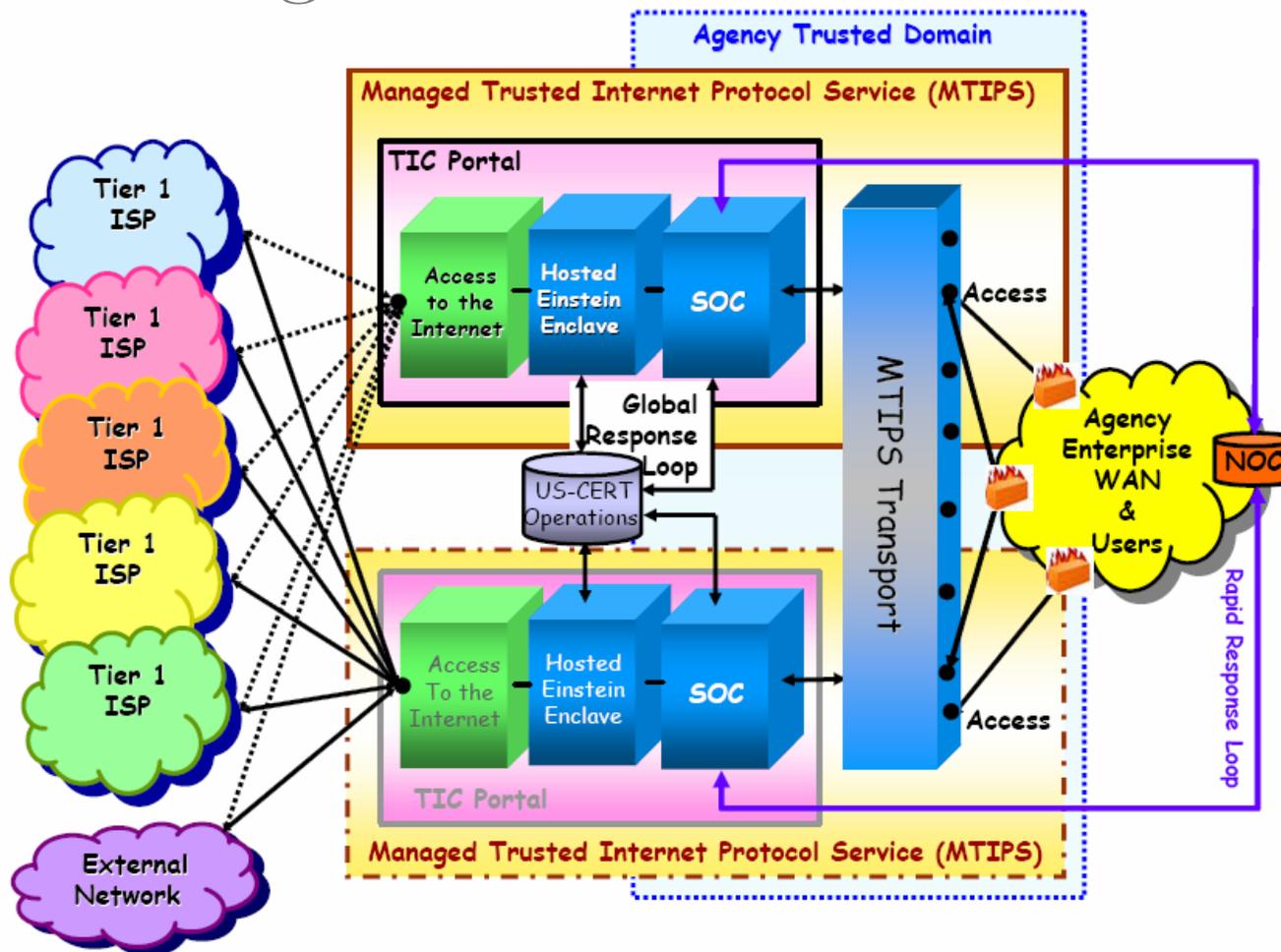
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TIC ⇒ Network Contract MOD Overview

- Managed Trusted Internet Protocol Service (MTIPS) being added to Network contracts to meet OMB M-08-05
- MTIPS will include an Einstein 2 Enclave – with Passive Detection Capability
- MTIPS also includes the following components:
 - Security Operations Center (SOC) for Agency Protection
 - Transport from Agency WAN to TIC Portal
 - Redundant Internet Access Service
 - Supply Chain Risk Management (SCRM) Requirements
 - Optional Features to Allow for Agency Unique Requirements
- Einstein 3 – Intrusion Prevention Capability will be added to MTIPS as a future contract MOD

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MTIPS \Rightarrow Logical Architecture





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MTIPS ⇒ Features

- Encrypted Traffic
 - Scan and filter incoming and outgoing email, web traffic and known bad mail
- Agency Security Policy Enforcement
- Forensic Analysis
- Custom Reports
 - Ad-hoc user defined reports
- Agency NOC/SOC Console-customized to Agency Requirements
- Custom Certification and Accreditation Support
 - More stringent security controls
- External Network Connection
- Encrypted DMZ



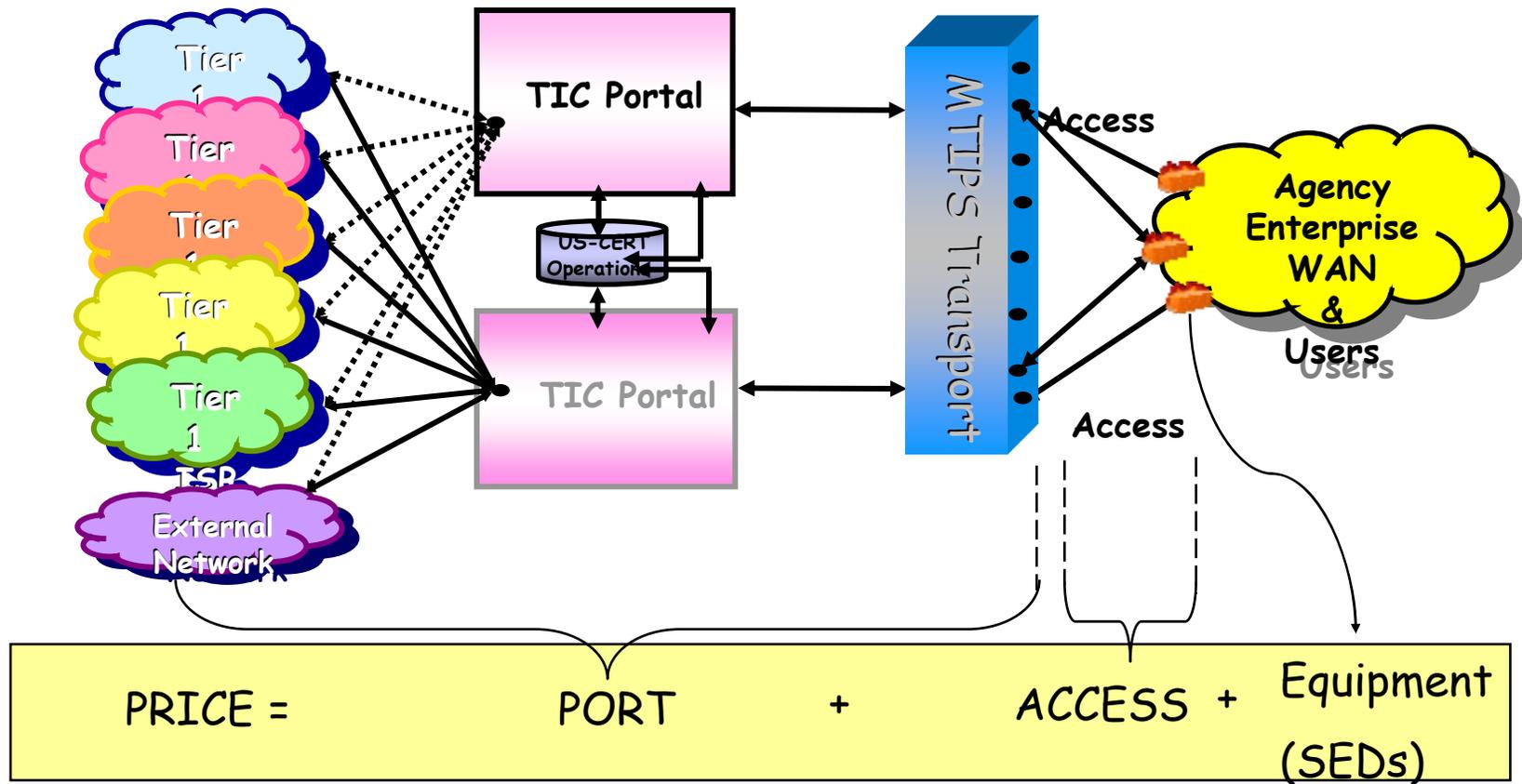
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TIC ⇒ Security Domain Overview

Component	Description	Requirement	Compliance	Approval	
SOC	Event Data Protection	C&A (High)	FISMA	GSA	
SCIF	Physical Space	Accreditation	DCID 6/9	<ul style="list-style-type: none"> ➤ DHS (new) ➤ NR for Existing 	<ul style="list-style-type: none"> ➤ TS cleared staff ➤ GFE COMSEC
EINSTEIN Enclave	Sensor	C&A	FISMA	DHS	<ul style="list-style-type: none"> ➤ DHS managed
Internet Access	Public Network	None	None	None	<ul style="list-style-type: none"> ➤ Redundant
MTIPS Transport	MPLS Tunnel	Agency Decision	FISMA	Agency	<ul style="list-style-type: none"> ➤ Feature C&A support if needed
Access	Network Access	Agency Decision	FISMA	Agency	<ul style="list-style-type: none"> ➤ Feature C&A support if needed

Network TIC solution also subject to DHS compliance assessment "Compliance Validation" modeled after DoD's Computer Network Defense Service Provider (CNDSP).

MTIPS Pricing



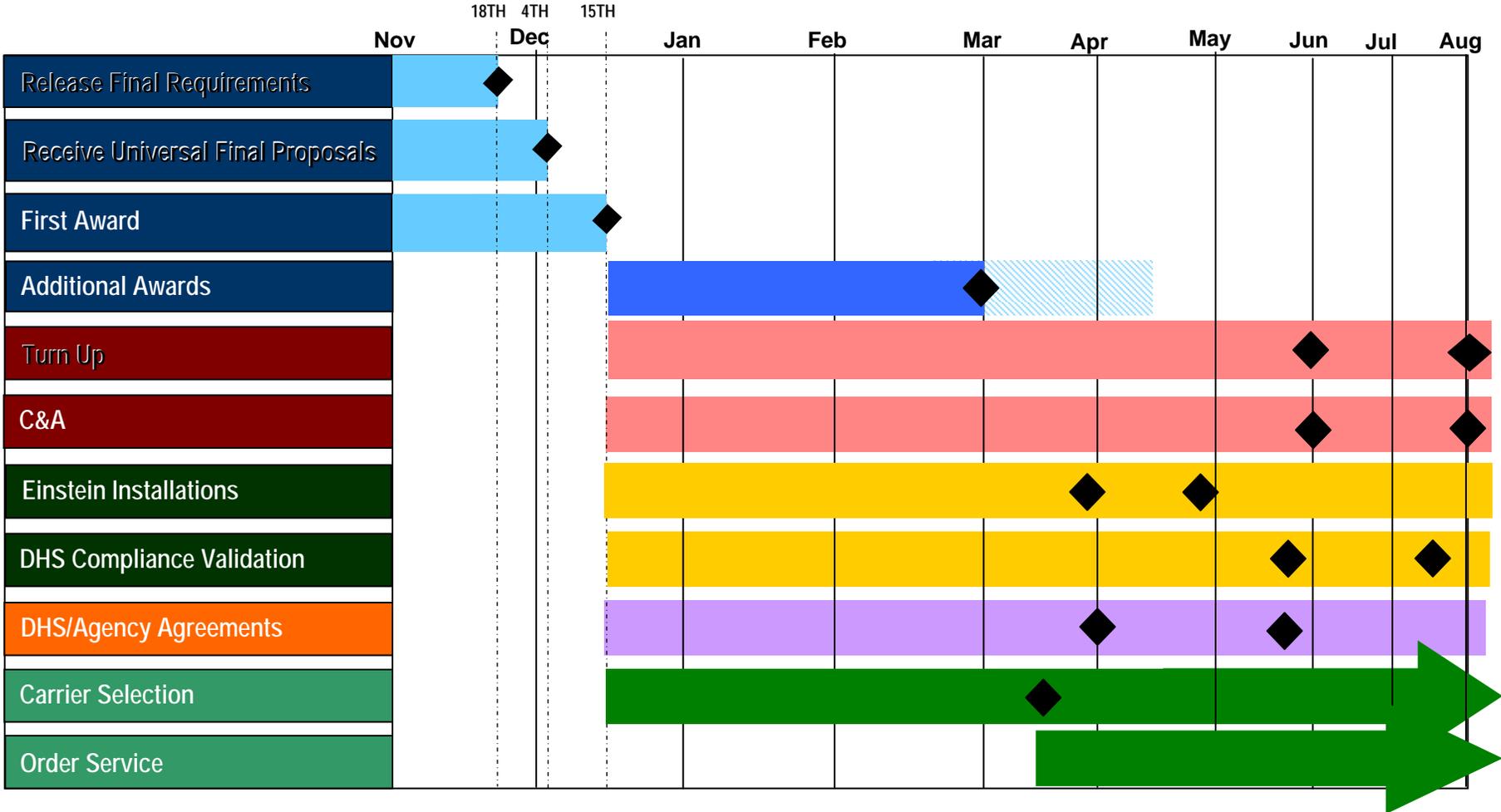
Port Charges

- Port Charges are Monthly Recurring (MRCs)
 - No installation charges—no capital outlay
 - Two levels of Availability--Routine and Critical
- Port Charge includes:
 - MTIPS Transport to TIC Portal
 - TIC Portal
 - Internet connectivity
 - Loop back connectivity when Internet fails
 - Einstein enclave
 - SOC—including cleared staffing
 - C&A
 - Security Services—e.g., intrusion detection, storage, managed firewall
 - SCIF
 - Global and Rapid Response loops
 - Dual Redundancy—site and component



TIC ⇒ MTIPS Award, Installation, Operation

(Notional)





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TIC ⇒ MTIPS Points of Contact

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