User requirements for defense ERP implementation
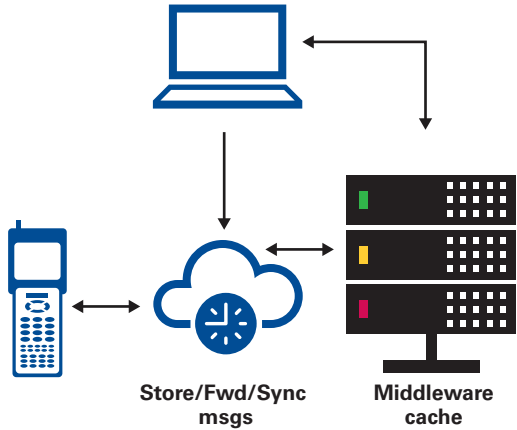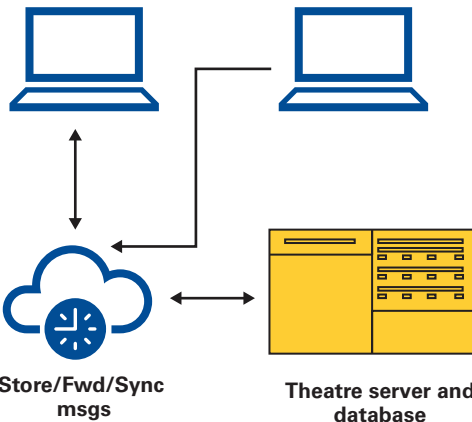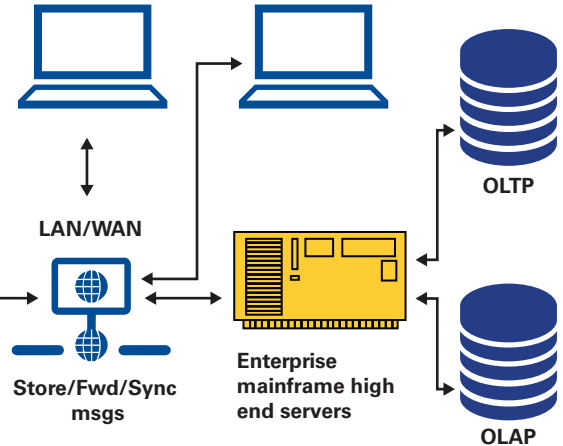
Users	Combat unit deployed mobile system	Deployed theatre system	Static national system
Communications environment	**User:** LAN/WAN/Server **Latency:** 7000 ms **Bandwidth:** <64 Kbps **Network:** Secret with secondary use on secret	**User:** LAN/WAN/Server **Latency:** 10 to 750 ms **Bandwidth:** <1.5Mbps **Network:** Restricted with secondary use on secret	**User:** LAN/WAN/Server **Latency:** 10 to 100 ms **Bandwidth:** 10Mbps **Network:** Restricted with secondary use on secret
Indicative network environment	Store/Fwd/Sync msgs — Middleware cache	Store/Fwd/Sync msgs — Theatre server and database	LAN/WAN — Store/Fwd/Sync msgs — Enterprise mainframe high end servers — OLTP / OLAP

User application	**Combat end use**	**Combat end use**	**National end use**
	— Disconnected mobility — Basic requisition supply/maintenance only — Readiness reporting — tactical on OLTP system — Nodal connection C4I, GPS, RFID, BMS — Restricted and secret networks — No IT support — Simple, fast, streamlined — GCSS environment	— Semi disconnected and disconnected — Theatre requisition supply and maintenance — Readiness reporting — tactical on OLTP system — Nodal connection C4I, GPS, RFID, BMS — Restricted and secret networks — Limited IT support — Simple, fast, streamlined — GCSS environment	— Continuous communications — Catalogue, FMS, procurement — Enterprise requisition supply and maintenance on OLTP — Readiness reporting — strategic on OLAP system — Financial reporting — Audit — Restricted network — Full IT support — Complex multi end use environment — ERP environment