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11:40 AM – 12:00 Noon

5G Smart Warehousing – Enabling Smart Logistics through a Powered Ecosystem

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Abstract:

The innovation enabled through the application of 5G Technology and Smart Warehousing to supply chain logistics and operations is underpinned by the commitment of faster communication speeds at federal and defense facilities therefore establishing the conditions for an increase in Readiness of equipment, Speed / Velocity to issue gear and Accountability in the accuracy of gear in storage.

Even more profound, it represents an opportunity to transform the entirety of the supply chain – from Demand Planning to Reverse Logistics. The ongoing modernization of the U.S. Marine Corps' Logistics Operations offers a glimpse of 5G's Smart Warehousing's potential impact.

Utilizing features of Robotic conveyance and inventory solutions, an IoT network to collect, model and build AI enabled engines to an orchestration platform based on Microsoft Dynamics 365 supply chain solution, for example — integrated by KPMG — the U.S Marine Corps is leveraging 5G's Smart Warehousing to advance the speed of processing at maximum bandwidth and imperceptible latency to task a multitude of equipment to improve Receipt, Storage, Inventory, Issue, Shipping and Delivery.