

Managing ammunition and explosives is a core function of our military organizations and the supply chains that provide for them.

Providing, delivering, storing, handling, and forecasting the demand for these products, known as Class V Supplies, is one of the most unique functions of military organizations. This mission is complex, potentially dangerous and mission critical. Not only are there dire consequences associated with improper storage or handling of these products, but there is also negative mission impact for units who have insufficient ammunition at the point and time of need.

When negative lessons are learned throughout the history of ammunition/explosives management lives are lost, facilities are destroyed, and battles are lost. Consequently, the processes around Class V are governed by laws, regulations, and standard procedures. These are based on the type of material or compound, the quantity, and the storage facility size and location, and many other interrelated factors all of which add to the complexity and danger of product, process, and information management.

Current world situations like operations in Ukraine, concerns about Taiwan and operations in Indo-Pacom; all of which involve the supplying of our forces and our allies, and a shift to preparation for near-peer conflict in multidomain operations has stretched existing ammunition and explosives supply chains. A new approach is needed.

Groundswell has recognized these challenges and has partnered with SAP and with Class V subject matter experts to develop the only Class V management information technology solution that is certified by SAP to integrate with SAP S/4HANA and its SAP Defense and Security industry solution. The solution has embedded best practices for the management of Class V. These best business practices enable a defense organization to rapidly deploy a solution without the need for customization. Unique organizational business processes can be addressed through optimized configuration and reporting.



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This solution will provide defense organizations with:

- End-to-End visibility of Class V supply chain and supply status
- Improved auditability of inventory and associated costs
- AI/ML Functionality for Optimized Storage
- AI/ML Demand Planning for Optimized Stockage and production planning
- An Intuitive User Experience
- Disconnected operations for use in environments where an electronic signal is not available or desirable

