

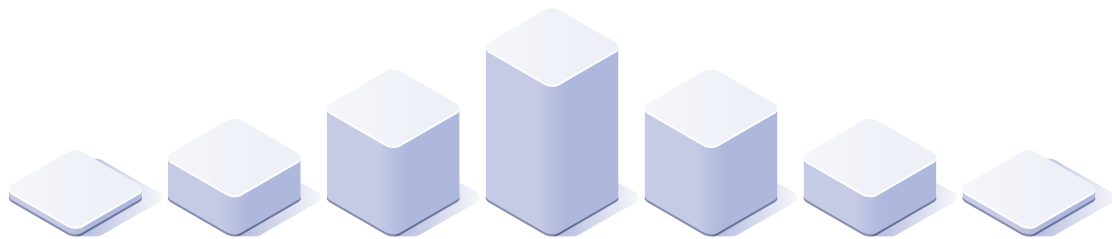
Why Defence Organisations Are Moving Toward Integrated “Cradle-to-Grave” IPS Ecosystems

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The defence industry is facing a fundamental shift in how sustainment capability is delivered and managed. Platforms are becoming increasingly digital and complex, operational lifecycles are extending beyond thirty years, and defence organisations are under growing pressure to improve availability while reducing whole-of-life cost. In this environment, Integrated Product Support (IPS) can no longer operate through disconnected tools, siloed databases and manual processes.

For many organisations, legacy sustainment environments have evolved as collections of standalone systems, separate databases, disconnected toolsets and isolated S1000D publishing tools and independent maintenance systems. While these systems may individually perform their individual functions well, they often struggle to support the integrated digital thread now required across modern defence programs. The result is duplicated data, slower change implementation, reduced agility and inefficient practices during sustainment.

This is why defence organisations are increasingly moving toward integrated, Cradle-to-Grave IPS ecosystems.



Pennant’s Auxilium® suite has been developed specifically to address this challenge. Rather than functioning as a collection of applications connected only by business processes, Auxilium® provides a genuinely integrated sustainment environment that brings together Logistics Support Analysis, S1000D technical publications, and advanced spares and support system modelling within a single ecosystem.

The significance of this integration extends far beyond convenience. By enabling sustainment data to flow intelligently across the broader support environment, organisations gain increased efficiency, improved data traceability, reduced duplication and greater agility across the entire asset lifecycle.

What differentiates Pennant’s approach is that Auxilium® has evolved directly alongside defence industry requirements rather than being adapted from generic enterprise software. Support for standards such as S Series, DEF STAN and MIL-STD environments has been built around real operational needs and continues to evolve in response to customer and industry demand.

As defence programs increasingly embrace digital engineering, the ability to operate within a connected digital sustainment ecosystem is becoming a strategic requirement rather than simply a technical advantage.

In today’s defence environment, the real differentiator is no longer whether a software tool can perform a specific function – most products can. The real advantage lies in whether the sustainment ecosystem can operate cohesively, therefore maximising the potential of the data within.

This is where integrated platforms such as Auxilium® are increasingly setting themselves apart. By reducing integration burden, improving data consistency and enabling a true cradle-to-grave sustainment capability, Pennant is helping defence organisations across the globe modernise acquisition and sustainment operations for an increasingly complex future.