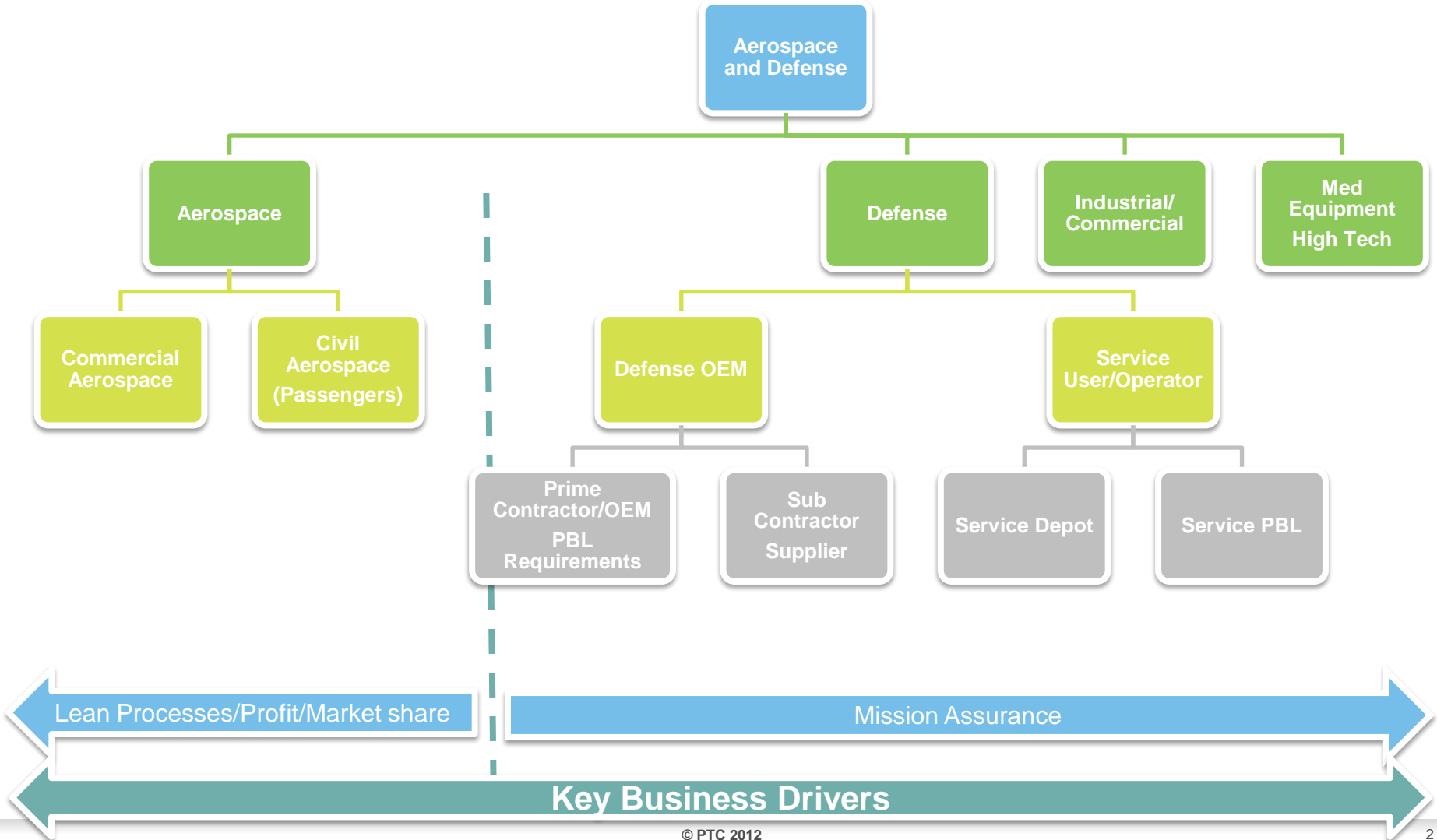


# Technology in support of ILS Standards

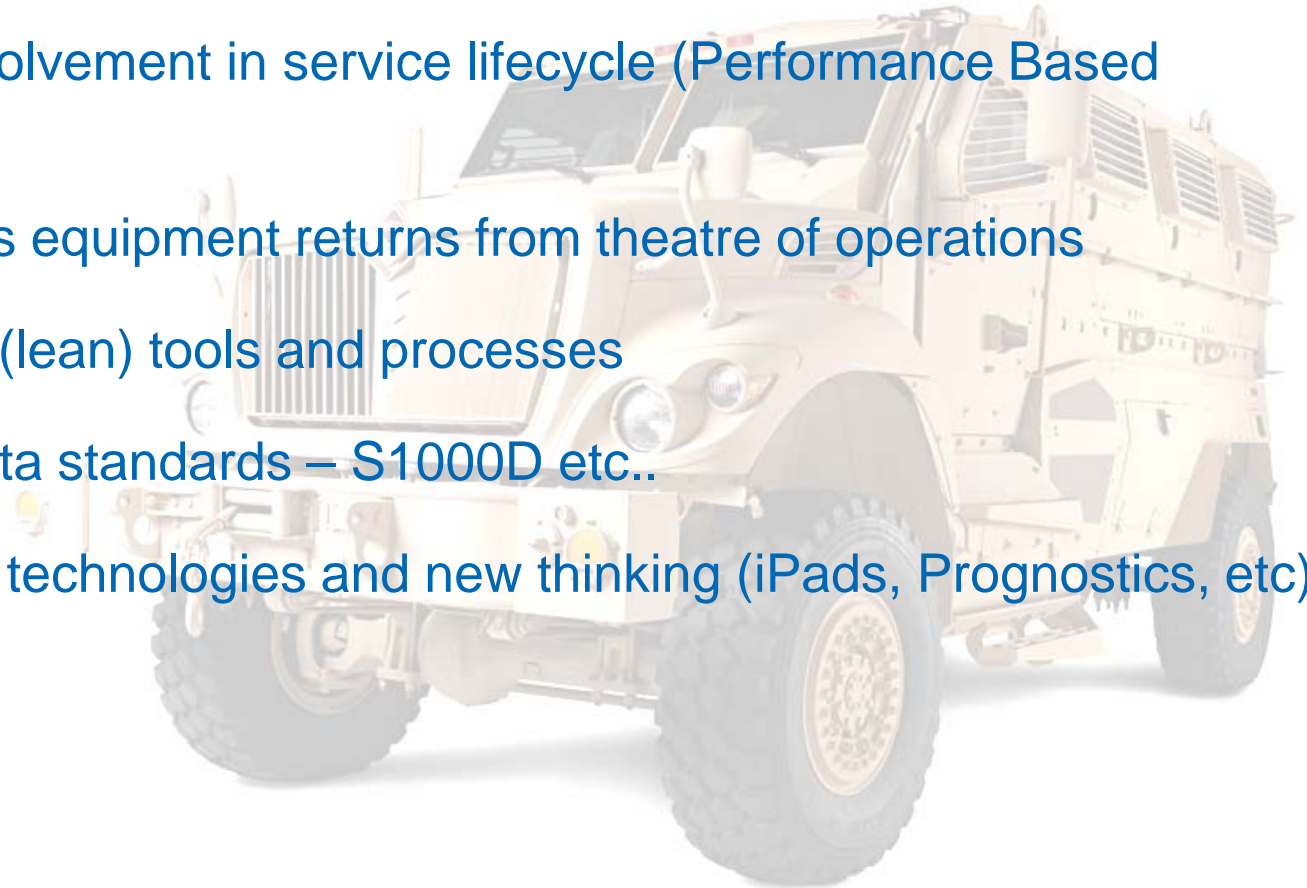
## A solution providers perspective



Ian Boulton  
Sr Director, SLM Solutions  
PTC



- Reduced acquisition of new platforms
- Increased service life of existing platforms
- Increased OEM involvement in service lifecycle (Performance Based Logistics)
- Technology reset as equipment returns from theatre of operations
- Move to integrated (lean) tools and processes
- Adoption of new data standards – S1000D etc..
- Introduction of new technologies and new thinking (iPads, Prognostics, etc)



- Increased competition from emerging markets (China, Japan)
- Increased supplier integration and collaboration requirements
- Increased expectations from customers around service lifecycle management processes
- Adoption of new data standards (S1000D, ATA2300)
- Willingness to integrate these standards (MSG3>S1000D>ATA2300)
- Introduction of new technologies and new thinking (iPads, Self Help Portals, Prognostics, etc)

As a solution provider we drive...

- **Adoption**

- Without physical solutions specifications are purely theoretical

- **Enablement**

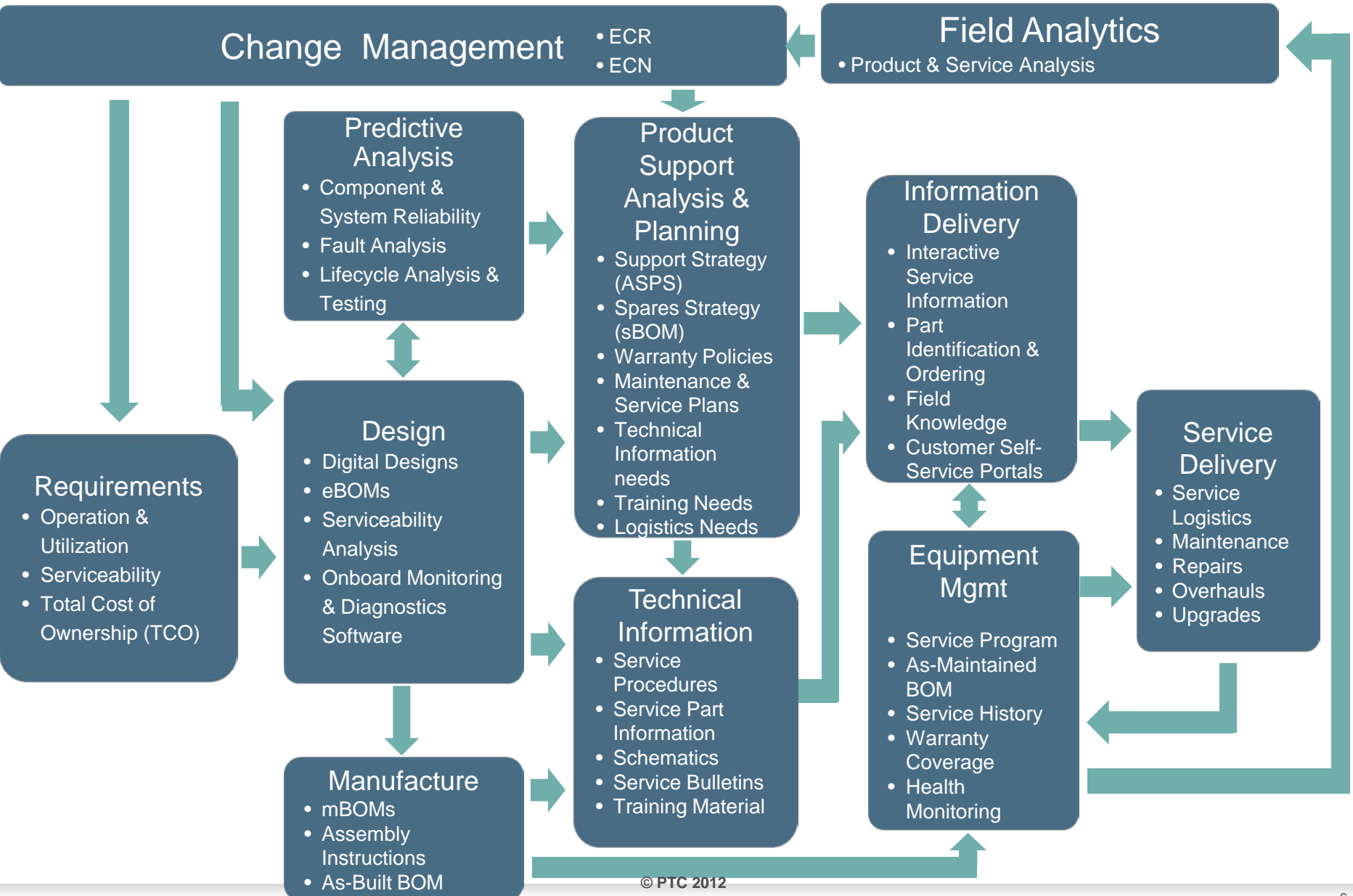
- Compliance with all of the standards is complex and requires automation

- **Guidance**

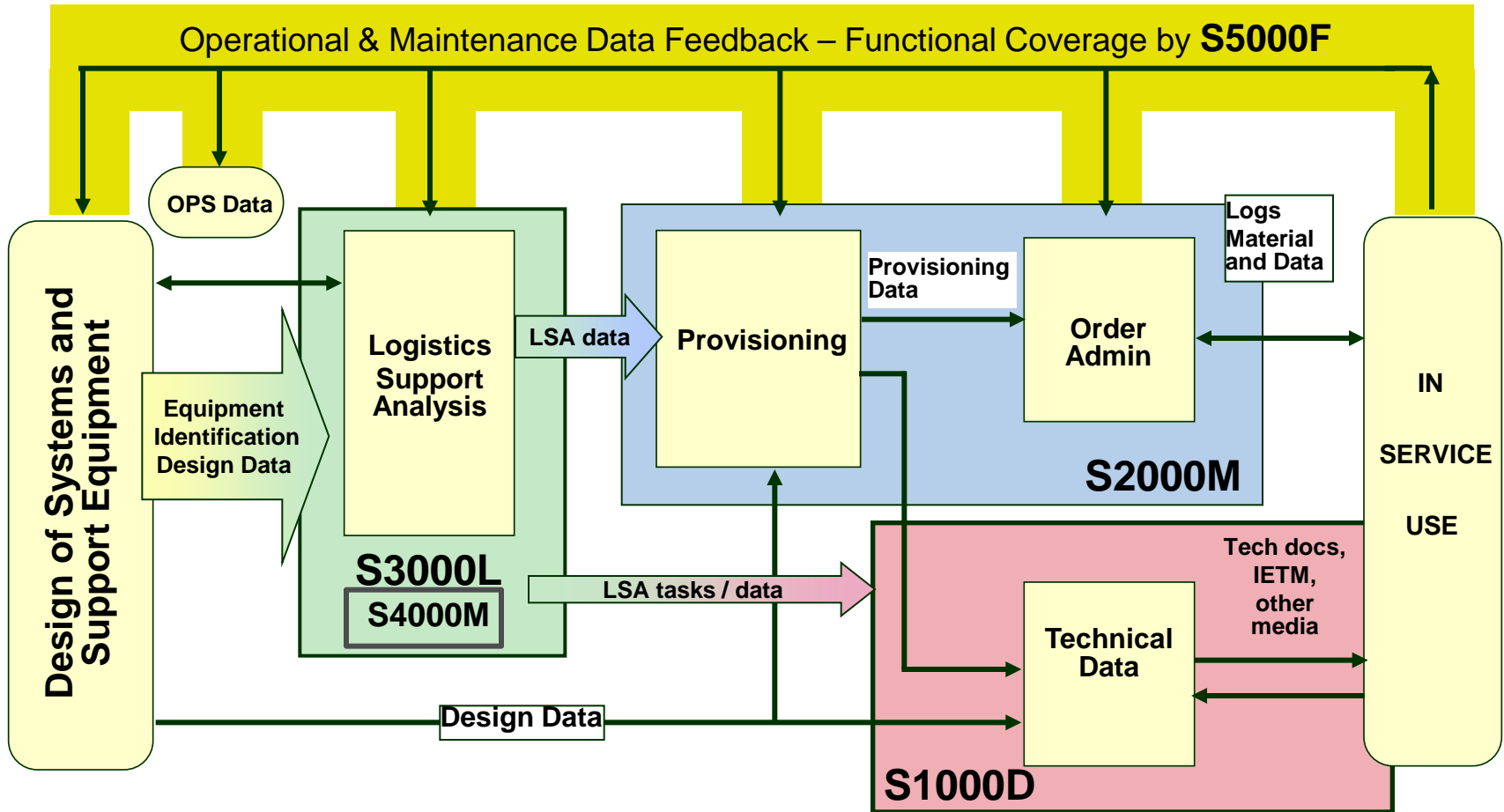
- In many cases complex standards require solution provider input
  - ISO 10303, IGES, CGM, S1000D, MBE

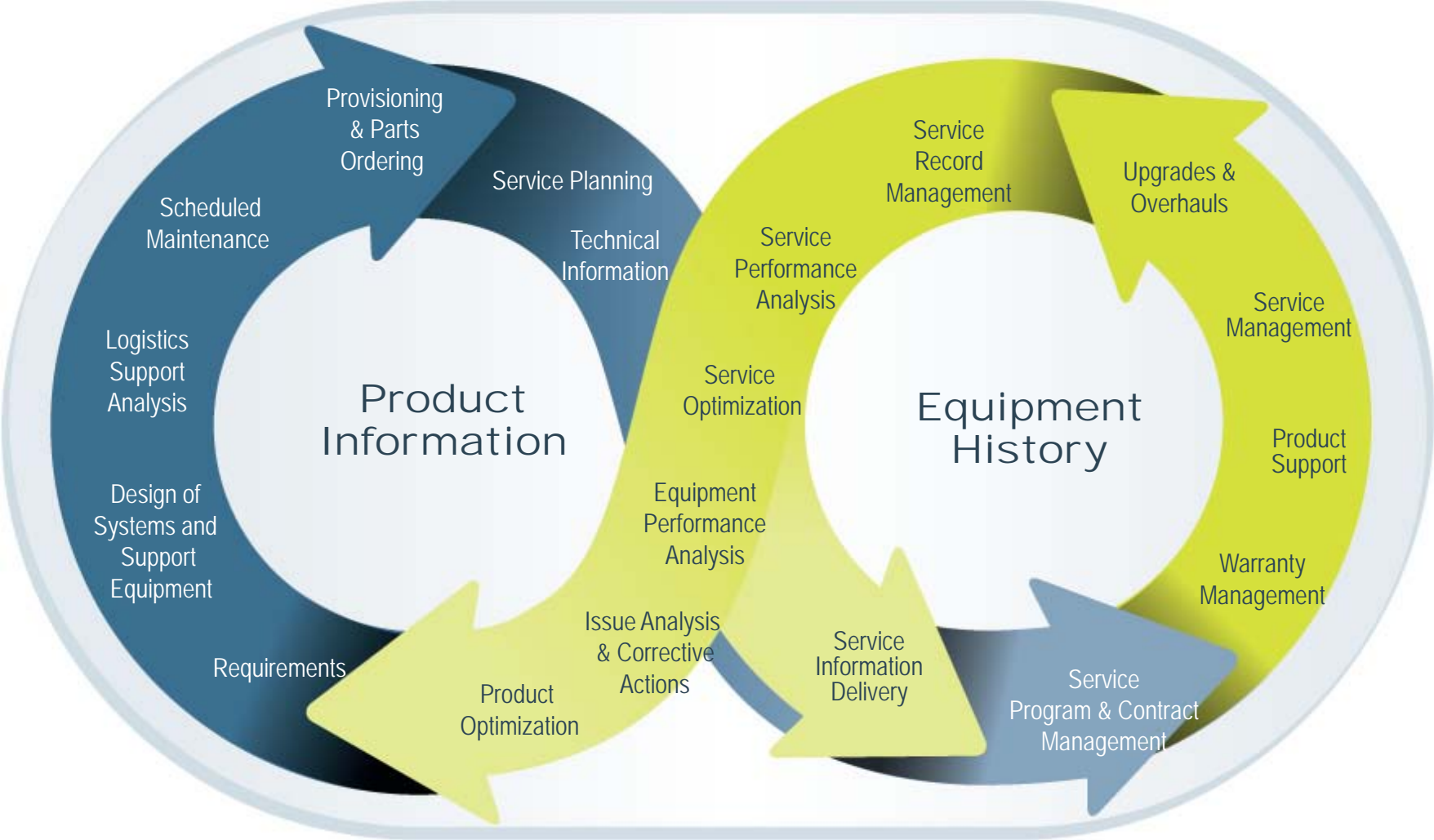
- **Integration**

- True lifecycle support requires the integration of multiple data streams, data types and processes

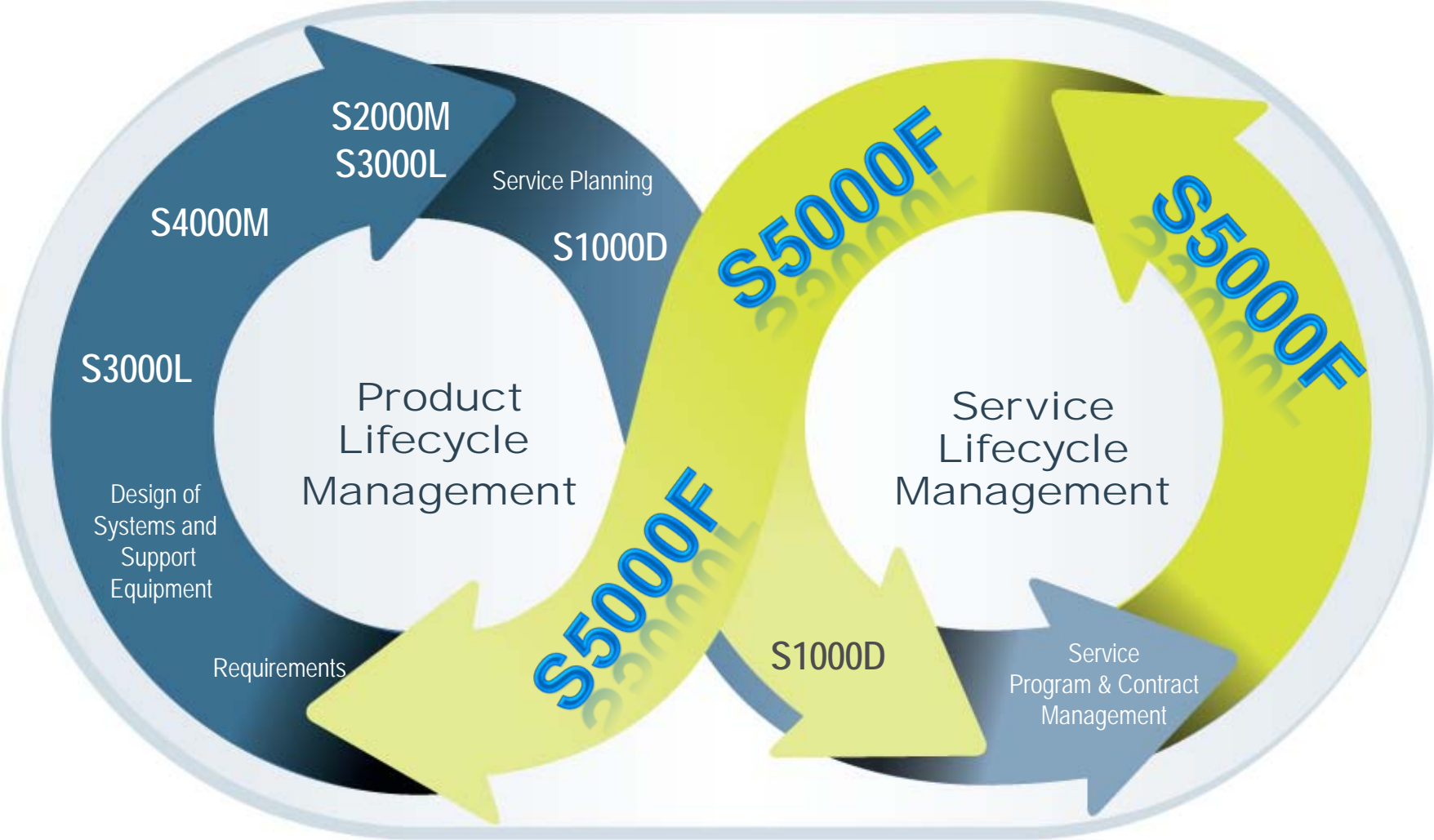


# ASD's "S" Series Vision of Lifecycle Support









What impact do solution providers have on ILS and Product Support?

## ■ Enablement

- Cost effective means of industry compliance, coupled with agility, ease of use, and known commercial best practices
  - Source data creation – Make this easy, rich, robust and cost effective
  - Data Integration – Make the data flow seamlessly from process to process
  - Re use of data – Make the data compatible with other tools/consumers
  - Workflow – Make the work find the right resource
  - Metrics and reporting – Visibility and Metrics into the program
  - Materiel tracking – Where is my stuff?
  - Predictive Analytics – How should it be performing?
  - Condition Based Maintenance/Health management – How is it performing?
  - Systems engineering processes – continuous design improvement – Make it: better...faster..cheaper...last longer

Thank You