



KEY SERVICE: ENTERPRISE IT SYSTEM SELECTION

WHY USE ENTERPRISE IT SYSTEM SELECTION?

The digital enterprise offers huge potential for engineers to connect and collaborate on integrated digital tools, accessing shared digital data.

A shared digital working environment allows all contributors to bring their input together earlier in the engineering process, enabling early identification and avoidance of issues.

Remote team members will be able to collaborate on complex visual data in real time, enabling simultaneous co-design of complex systems. As well as improving efficiency and productivity by avoiding the delays of bringing people, data and physical equipment together, digital design collaboration has the opportunity to reduce design costs significantly.

The digital enterprise enables product design and manufacturing to collaborate early in the program and influence the design to avoid major cost drivers.

The digital enterprise provides the digital thread between manufacturing tasks.

WHY HSSMI?

HSSMI can support businesses to strive towards a full digital representation (Digital Twin) of the 'as engineered' manufacturing system, combining the inputs from all contributors in a shared digital environment. Manufacturers and supplier engineers can work together, to create and verify the manufacturing system before equipment manufacture, and optimise the manufacturing system before equipment delivery.

HOW HSSMI CAN HELP



Improve Launch Quality

- ▶ Increase collaboration and robustness of engineering.
- ▶ Reduce installation and launch issues.
- ▶ Reduce duplication and the associated challenges of change control.



Reduce Launch Time

- ▶ Enable the elimination of one level of physical validation (vendor run-off).
- ▶ Reduce the time associated with rework during build and installation.



Reduce Cost

- ▶ Enable the elimination of one level of physical validation (vendor run-off).
- ▶ Focus on design right first time engineering, i.e. have the right information to hand when you commence work.
- ▶ Identification of issues in the engineering phase, eliminating the need for costly physical reworks.
- ▶ Reduce duplication and the associated wastes of change control.
- ▶ Reduce physical equipment changes due to deferred completion of product specific build.
- ▶ Enable early and more accurate costing and planning of retool actions.

