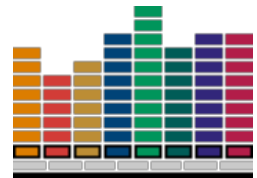


**Customer Story****ScanWorks™****Bar Code Data Collection****Hamilton-Sundstrand implements ScanWorks™ from eNSYNC****Customer Profile**

Hamilton-Sundstrand a division of United Technologies is a manufacturer of motors and compressors for large OEM clients in the automotive and aerospace industry. Based in Pleasant Prairie, WI H-S is an early adopter of lean manufacturing practices. Always looking to take out business processes that do not add value to the business. This has enabled them to continue to grow without adding head count or physical space.

**Business Problem**

In a lean manufacturing environment each department, group and manufacturing cell is dependent on the other for timely, accurate information flow. The only practical way to manage all the data entry and validation required was to deploy a real time bar code data collection system. H-S looked to eNSYNC solutions as a turnkey provider for hardware, software and services to deliver a complete system. For their in-depth knowledge of the Distribution components of IFS and

**Solution Delivered**

eNSYNC consultants working with their “out of the box” bar code solution for IFS: ScanWorks™, conducted a site survey and requirements gathering exercise on ScanWorks™ and recommended starting with several initial transactions from the 30+ pre built standard ScanWorks transactions. In addition to several standard transactions HS required support for reserving and shipping *Supplier Material*, a critical part of material flow in manufacturing. Because of the aerospace customer base serialized parts control and recording is a significant task which was streamlined and improved dramatically with bar coding. HS also

**Hamilton-Sundstrand****Project Deliverables:**

- Wireless RF Scanning for:
- 5 MobileWork Users
  - Intermec 2435 Handhelds
  - 12 TransWorks Transactions
  - Supplier Material Transaction
  - IFS version 2001

## Customer Story

### ScanWorks™

#### Bar Code Data Collection

had several printing requirements, which required the use of ScanWorks integrated label printing application and the “Change Printer” transaction to allow labels to be printed at various locations.

In addition to the special Supplier Material Transaction, the following ScanWorks™ Transactions for IFS Apps version 2001 were delivered:

1. PO Receipt
2. Reserve Supplier Material
3. Ship Supplier Material
4. Receive to Shop Order
5. Reserve Serial Numbers
6. Change Printer
7. Purchase Order Create
8. RMA Receipt
9. Shop Order Create
10. Part/Location Inquiry
11. Picking
12. Cycle Count (Count per Count Report)



eNSYNC Solutions worked with HS to specify the Intermec hand held RF equipment and to take advantage of some existing printers. ScanWorks™ is hardware independent.

#### Benefits Received

Previously personnel had to manually record Part numbers and Serial numbers on paper then go to a desk to key in all movements after the fact. Today inventory and WIP is maintained at its highest degree of accuracy while clerical work has been vastly reduced. Efficiencies gained from ScanWorks has allowed for greater growth without additional personnel.

#### Customer Feedback



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**Customer Story**

**ScanWorks™**

**Bar Code Data Collection**

*“eNSYNC Solutions was the best choice for us because they had the complete solution already developed and working at several other IFS site. This reduced our project risk by not having to custom develop software”. – Claudette Stears, Materials Manager.*