

## SUCCESS STORY

# FORMTRAN

Honeywell Aerospace



## Honeywell

### Honeywell Aerospace

- \$9 billion subsidiary of Honeywell International

### Industry

Aerospace

### Challenge

- Quickly process purchase orders
- Read PO's with different numbers of line items
- Read PO's with fax quality and different formats

### Strategy

- Formtran and Honeywell Create Specialized OCR System

### Results

- Response time greatly decreased
- More consistent data
- Automatic filing of images

## FORMTRAN

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### Organization Profile

Honeywell Aerospace (part of Honeywell International NYSE:HON) is a leading global provider of integrated avionics, engines, systems and service solutions for aircraft manufacturers, airlines, business and general aviation, military, space and airport operations. Honeywell Aerospace has sales of \$9 billion and is headquartered in Phoenix, Arizona, USA.

### Challenge:

#### Process purchase orders fast

The code word is "AOG". When you have an "aircraft on ground" you need spare part orders processed instantly. Honeywell's purchase order process for emergency and non-emergency parts was time-consuming and inefficient. The company needed an OCR solution that would convert faxed images received from customers around the world into usable data that could be processed by an Adobe workflow

system and ultimately end up in an SAP order system. Honeywell's requirements included processing each individual line item of a purchase order, the ability to apply unique business rules for each customer, and OCR that could work with variable formats.



City Ordered		UOM	Condition	Item No	Description	Date Required	Amount (in USD)	
Quantity	Unit			Item Num			Unit Cost	Ext Cost
3	EA	FN		3071613-2	GROMMET	12/20/05		
2	EA	FN		3071935-1		12/20/05		

**DallasAirmotive** Purchase Order: **CP15355**  
PO Date: 06/13/05  
Vendor No.: 99193

To: HONEYWELL AEROSPACE INC.  
1944 E SKY HARBOR CIRCLE  
PO BOX 52170  
PHOENIX, AZ 85034  
USA

Ship To: DALLAS ARMOTIVE, INC.  
7611 JOHN CARPENTER FRWY  
RECEIVING DOCK  
DALLAS, TX 75247

Ship Via	F.O.B	Terms	Plant
FEDERAL EXPRESS SAVER	NOT APPLICABLE	NET 20 DAYS	32
Buyer	Vendor Contact	Phone Number	Tax
			NO

### Strategy:

#### Formtran and Honeywell create specialized OCR System

Formtran worked with Honeywell to create a specialized OCR system. Purchase orders were identified by customer so unique rules could be applied. Purchase orders containing certain keywords such as "emergency", "workstoppage", "critical" were flagged as mission-critical documents. Non-critical purchase orders containing other information were flagged according to the company's regular business rules. Using a data definition file developed jointly by Formtran and Adobe, the resulting OCR data is converted to an XML data format and exported via webservice to Adobe's Lifecycle Workflow Server along with a PDF copy of the original purchase order.

### Results:

#### Response time greatly reduced

- Response time on mission-critical orders was reduced from hours to minutes, creating satisfied customers as well as hard-dollar benefits for Honeywell.
- Data cleanup rules were automated to provide more consistent data to the order system.
- Customer service personnel instantly have the data and the image to review when processing the order.