

# Honeywell TDC 3000 System Migration

You can migrate to Foxboro DCS control by replacing Process Manager (PM), Advanced Process Manager (APM), and High Performance Process Manager (HPM) modules and I/O Processor (IOP) cards in the Honeywell TDC 3000 system with Foxboro DCS Fieldbus Isolators (H3SFBI) and Foxboro DCS FBMs. The Foxboro DCS FBMs replace I/O Processor (IOP) card types as shown in the tables below:

**Table 1 - Foxboro DCS FBM Models Replacing I/O Processor (IOP) Card Types**

Original Module	Replacement Model	Description
HLAI	H3M01	1 to 5 V dc Input (16)
LLAI	H3M03	TC/mV/RTD Input (8)
PI	H3M06	Pulse Input (8)
DI DISOE	H3M07	Logic Level Input (32) Sequence of Events (32)
DO	H3M09	Logic Level Output (16)
AO	H3M37	4 to 20 mA Output (8)
SDI	Choose one of the following to replace the functionality of the Serial Device Interface: FBM230 or FBM231.	Serial Device Interface

Schneider Electric also offers replacements for the LLMUX cards as described in the table below.

**Table 2 - Schneider Electric Replacements for LLMUX Cards**

Honeywell Devices			
Device	FTA	Model	Notes
LLMUX/2	MC-TAMT03/TAMT04	51309223-175 /51308905-175	Replace with FBM202
LLMUX	MC-TAMR03/TAMR04	51309218-125/ 51305907-175	Replace with FBM203
Replacement Migration Schneider Electric Devices			
Format/type	Termination Assembly (TA) Direct Connect	2-, 4-, or 8-Position Baseplate Part Number	Replacement Fieldbus Module
T/C	P0928CN	RH926KE/HM/HT	FBM202 (RH926EQ) / FBM212 (RH914XL)
RTD	P0924WN	RH926KE/HM/HT	FBM203 (RH914SV)

The Honeywell maximum is 40 IOP modules per PM/AM/HPM. These can be supported directly by FBM replacement and can be expanded to 128 FBMs per Foxboro DCS FCP280. (See *Functional Specifications – Common to All Foxboro DCS FBMs*, page 16).

Up to 40 Migration Foxboro DCS FBMs can be located behind an H3SFIBI or a redundant pair of H3SFIBIs with a maximum of two redundant pairs of H3FBIs.