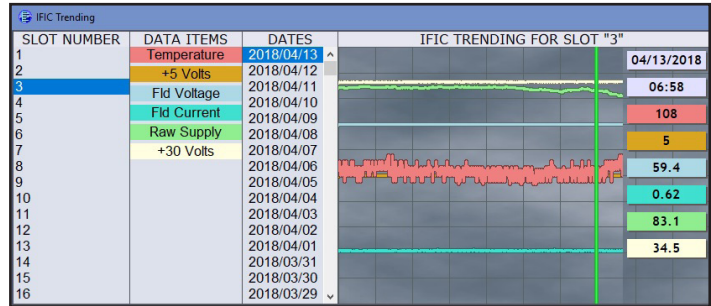


Intelligent Field Interface Card (IFIC)

The Intelligent Field Interface Card is a seamless upgrade to the existing FIC's currently installed in the L&J Field Interface Racks, with the benefit of communicating critical field data to the MCG 3900 Gauging System.



Slot Number	1	2	3	4	5	6	7	8
Temperature	71.4	72.1	71.2	73.1	72.5	73.9	70.2	72.5
+5 Volts	5.1	5.1	5.4	5.0	5.3	5.1	5.0	5.3
Field Voltage (P)	30.1	30.0	30.3	30.2	30.2	30.1	30.3	30.1
Field Current	0.39	0.61	0.87	0.38	0.75	0.00	0.49	0.56
Raw Supply	91.0	92.0	90.2	91.2	93.0	91.1	92.5	90.3
+30 Volts	33.3	32.9	33.1	30.4	30.2	31.5	34.6	33.9
Loop Number	1	1	1	1	1	1	1	1
Tankway Address	120	121	122	123	124	125	126	127



The MCG 3900 System Displays shown above can be communicated via the IFIC with a marginal software upgrade added to existing or new MCG 3900 Systems.

Features

- Generates Less Heat
- More Energy Efficient
- Increased Reliability
- Field Voltage is Selectable
- Max Field Current is Selectable
- Integrated ON/OFF Switch
- TX/RX LED's Show Field Activity
- Integral OLED Displays and Trending Features:
 - IFIC Temperature
 - Raw Input Voltage
 - Field Output Voltage
 - Field Current Output. Increases in current may indicate field wiring and/or moisture problems
 - Displays 5 Volt Supply
 - IFIC Address
 - L&J Tankway Voltage

Specifications

Field Voltage:	Selectable 50v, 60v, 70v
Field Current Limit:	Selectable 1A, 1.25A, 1.5A
Over Current:	Automatic
Diagnostic:	Tankway

- All of the values listed above can be communicated and displayed on the L&J MCG 3900 Gauging System via the On-Board Microprocessor.