

PLANTWEB® INSIGHT INLINE CORROSION APPLICATION

Optimize operations, detect risks early and minimize the impact of corrosion at your facility

Plantweb Insight for Inline Corrosion Monitoring

The Inline Corrosion application provides a continuous interpretation and analysis of critical data to help you make informed integrity decisions. It is a straightforward, intuitive application that offers an increased focus on safety and efficient integrity management.

- Intuitive dashboard
 - Monitors the level of corrosivity in the exposed fluid - Level of corrosivity based on NACE standards (Ref. SP0775-2013)
 - Visual heatmap displays the corrosive level that the tags have exposed to over a period of time
 - Provides alarm notification for low battery and probe device lifespan for Electrical Resistance (ER) probe and severe corrosivity
 - Device Status
- Historian
 - The application will store three years of events and data
- Device Summary
 - Offers a complete overview of all corrosion devices installed, the current status of the probes, a graphical indication of the metal loss / corrosion rate and a history log of alerts and new probe installations
- Event Log
 - A list of events triggered by pre-set thresholds the thresholds can be manually changed if required

Plantweb Insight Benefits

- Augments existing Interface Systems by providing flexible and immediate data access for Corrosion and Integrity Engineers and management outside of control room environment
- Provides actionable data in the form of an informative dashboard
- Access to real time data anytime, from anywhere
- Helps increase safety at your facility by reducing time spent in hazardous areas and eliminates need for site work (e.g. scaffolding)
- OPEX savings by reducing costly manual operations
- Seamlessly integrates with your existing wireless infrastructure, allowing you to expand the capabilities of your current system



PLANTWEB® INSIGHT INLINE CORROSION APPLICATION



Inline Corrosion Application Dashboard

INSIGHT - INLINE CORROSION

Dashboard Device Summary Event Log Settings

Add a device

Tag Number	Device Tag	Site	Location	Device Status	Description of Probe	Corrosivity Rate	Corrosivity Level	Alert	Alert Start Date	Alert Duration	Flag	Notes	Actions
00 - FI - 1078 - 1440	zzz_dummy_Corring 1	Site 0	Location 1	Not working	LPR 2 Electrodes, High Pressure Design	0.228	High	Alert	08-04-2019 15:51:00	15 days 17 hours	Flag		View
01 - SI - 0001 - 7120	zzz_dummy_Corring 2	Site 0	Location 1	Working	ER, Low Pressure Design	0.039	Severe	Alert	--	--	Flag		View
02 - NI - 2005 - 7120	zzz_dummy_Corring 3	Site 4	Location 9	Not working	LPR 3 Electrodes, High Pressure Design	0.022	Low	Alert	08-04-2019 12:13:00	15 days 17 hours	Flag		View
03 - EK - 3803 - 1020	zzz_dummy_Corring 10	Site 4	Location 10	Not working	LPR 2 Electrodes, Low Pressure Design	0.024	Moderate	Alert	08-04-2019 04:21:00	16 days 4 hours	Flag		View
44 - FK - 4071 - 1050	zzz_dummy_Corring 2	Site 0	Location 2	Not working	ER, High Pressure Design	NaN	No Data	Alert	08-04-2019 15:51:00	15 days 17 hours	Flag		View
57 - VO - 3051 - 7375	zzz_dummy_Corring 3	Site 1	Location 3	Not working	LPR 3 Electrodes, High Pressure Design	0.013	Low	Alert	04-04-2019 04:24:46	21 days 4 hours	Flag		View
70 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Not working	LPR 2 Electrodes, High Pressure Design	0.109	High	Alert	08-04-2019 12:13:00	15 days 17 hours	Flag		View
71 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Not working	LPR 2 Electrodes, High Pressure Design	0.109	High	Alert	08-04-2019 12:13:00	15 days 17 hours	Flag		View
72 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Not working	LPR 2 Electrodes, High Pressure Design	0.109	High	Alert	08-04-2019 12:13:00	15 days 17 hours	Flag		View
73 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Not working	LPR 2 Electrodes, High Pressure Design	0.109	High	Alert	08-04-2019 12:13:00	15 days 17 hours	Flag		View
74 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Not working	LPR 2 Electrodes, High Pressure Design	0.109	High	Alert	08-04-2019 12:13:00	15 days 17 hours	Flag		View
75 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Not working	LPR 2 Electrodes, High Pressure Design	0.109	High	Alert	08-04-2019 12:13:00	15 days 17 hours	Flag		View
76 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Not working	LPR 2 Electrodes, High Pressure Design	0.109	High	Alert	08-04-2019 12:13:00	15 days 17 hours	Flag		View
77 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Not working	LPR 2 Electrodes, High Pressure Design	0.109	High	Alert	08-04-2019 12:13:00	15 days 17 hours	Flag		View
78 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Not working	LPR 2 Electrodes, High Pressure Design	0.109	High	Alert	08-04-2019 12:13:00	15 days 17 hours	Flag		View
79 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Not working	LPR 2 Electrodes, High Pressure Design	0.109	High	Alert	08-04-2019 12:13:00	15 days 17 hours	Flag		View
80 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Not working	LPR 2 Electrodes, High Pressure Design	0.109	High	Alert	08-04-2019 12:13:00	15 days 17 hours	Flag		View

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Device Summary

INSIGHT - INLINE CORROSION

Dashboard Device Summary Event Log Settings

Location: Select All Alert Type: Select All Changing: Select All

Tag Number	Device Tag	Site	Location	Alert Type	Alert Weight	Event Start Date	Event End Date	Duration	Acknowledged	Acknowledged date	Acknowledged by	Acknowledgment Comments	Notes	Actions
01 - SI - 0001 - 7120	zzz_dummy_Corring 2	Site 0	Location 1	No Data	5	25-Oct-2019 08:09:20	25-Oct-2019 08:41:27	32 minutes	View	--	--	--		View
02 - NI - 2005 - 7120	zzz_dummy_Corring 3	Site 4	Location 9	No Data	5	25-Oct-2019 07:52:52	25-Oct-2019 08:25:45	32 minutes	View	--	--	--		View
03 - EK - 3803 - 1020	zzz_dummy_Corring 10	Site 4	Location 10	Severe corrosivity	3	25-Oct-2019 01:01:07	25-Oct-2019 01:34:06	34 minutes	View	--	--	--		View
04 - FK - 4071 - 1050	zzz_dummy_Corring 2	Site 0	Location 2	Severe corrosivity	3	24-Oct-2019 23:31:05	24-Oct-2019 23:46:09	15 minutes	View	--	--	--		View
05 - VO - 3051 - 7375	zzz_dummy_Corring 3	Site 1	Location 3	Severe corrosivity	3	24-Oct-2019 22:01:03	24-Oct-2019 22:31:02	29 minutes	View	--	--	--		View
06 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Severe corrosivity	3	24-Oct-2019 21:01:02	24-Oct-2019 21:31:03	29 minutes	View	--	--	--		View
07 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Severe corrosivity	3	24-Oct-2019 20:01:02	24-Oct-2019 20:31:02	29 minutes	View	--	--	--		View
08 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Severe corrosivity	3	24-Oct-2019 19:01:02	24-Oct-2019 19:31:02	29 minutes	View	--	--	--		View
09 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Severe corrosivity	3	24-Oct-2019 18:01:02	24-Oct-2019 18:31:02	29 minutes	View	--	--	--		View
10 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Severe corrosivity	3	24-Oct-2019 17:01:02	24-Oct-2019 17:31:02	29 minutes	View	--	--	--		View
11 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Severe corrosivity	3	24-Oct-2019 16:01:02	24-Oct-2019 16:31:02	29 minutes	View	--	--	--		View
12 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Severe corrosivity	3	24-Oct-2019 15:01:02	24-Oct-2019 15:31:02	29 minutes	View	--	--	--		View
13 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Severe corrosivity	3	24-Oct-2019 14:01:02	24-Oct-2019 14:31:02	29 minutes	View	--	--	--		View
14 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Severe corrosivity	3	24-Oct-2019 13:01:02	24-Oct-2019 13:31:02	29 minutes	View	--	--	--		View
15 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Severe corrosivity	3	24-Oct-2019 12:01:02	24-Oct-2019 12:31:02	29 minutes	View	--	--	--		View
16 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Severe corrosivity	3	24-Oct-2019 11:01:02	24-Oct-2019 11:31:02	29 minutes	View	--	--	--		View
17 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Severe corrosivity	3	24-Oct-2019 10:01:02	24-Oct-2019 10:31:02	29 minutes	View	--	--	--		View
18 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Severe corrosivity	3	24-Oct-2019 09:01:02	24-Oct-2019 09:31:02	29 minutes	View	--	--	--		View
19 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Severe corrosivity	3	24-Oct-2019 08:01:02	24-Oct-2019 08:31:02	29 minutes	View	--	--	--		View
20 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Severe corrosivity	3	24-Oct-2019 07:01:02	24-Oct-2019 07:31:02	29 minutes	View	--	--	--		View
21 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Severe corrosivity	3	24-Oct-2019 06:01:02	24-Oct-2019 06:31:02	29 minutes	View	--	--	--		View
22 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Severe corrosivity	3	24-Oct-2019 05:01:02	24-Oct-2019 05:31:02	29 minutes	View	--	--	--		View
23 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Severe corrosivity	3	24-Oct-2019 04:01:02	24-Oct-2019 04:31:02	29 minutes	View	--	--	--		View
24 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Severe corrosivity	3	24-Oct-2019 03:01:02	24-Oct-2019 03:31:02	29 minutes	View	--	--	--		View
25 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Severe corrosivity	3	24-Oct-2019 02:01:02	24-Oct-2019 02:31:02	29 minutes	View	--	--	--		View
26 - SI - 4071 - 4100	zzz_dummy_Corring 4	Site 1	Location 4	Severe corrosivity	3	24-Oct-2019 01:01:02	24-Oct-2019 01:31:02	29 minutes	View	--	--	--		View

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Event Log

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