SNAP SIGNAL



Vibration Sensors on Bearings and Motors







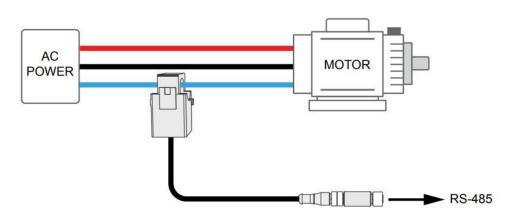
Current Monitoring with Snap Signal S15C-CT-MQ



By analyzing motor currents using the S15C-CT-MQ it is possible to detect precursors to failure allowing you to act before failure occurs.

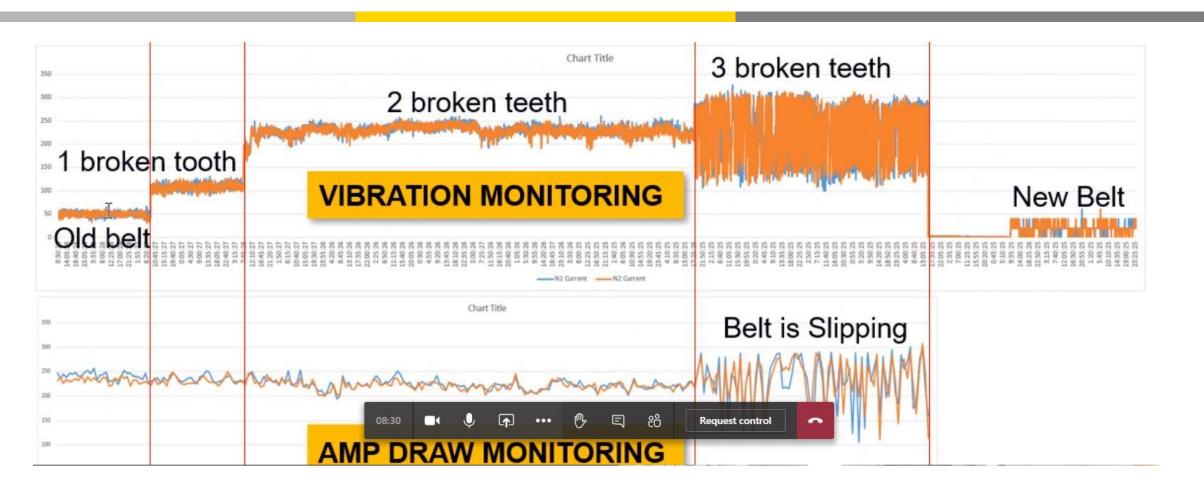






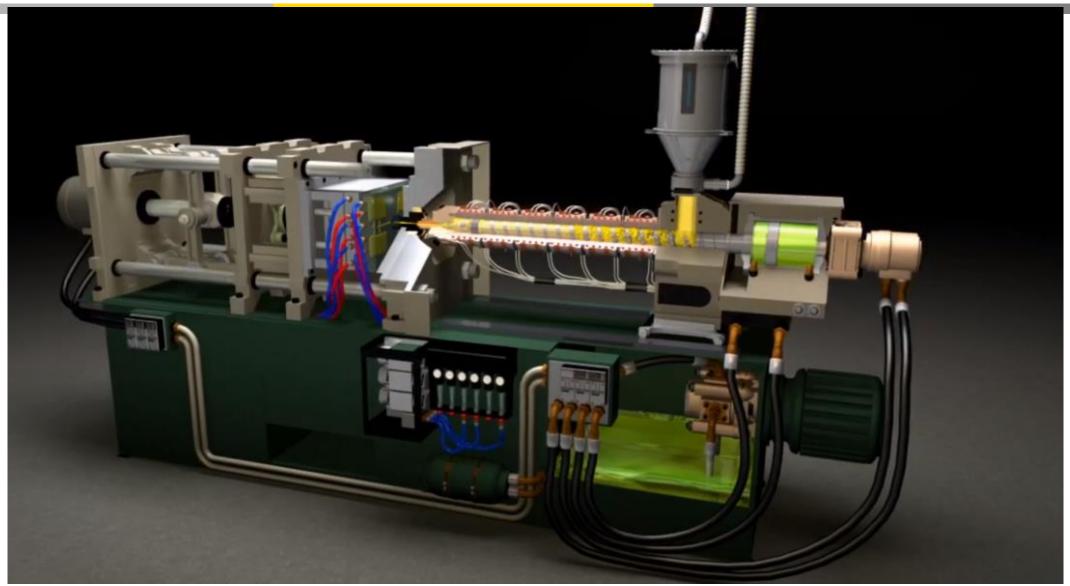
Vibration Monitoring of Belt Conveyors





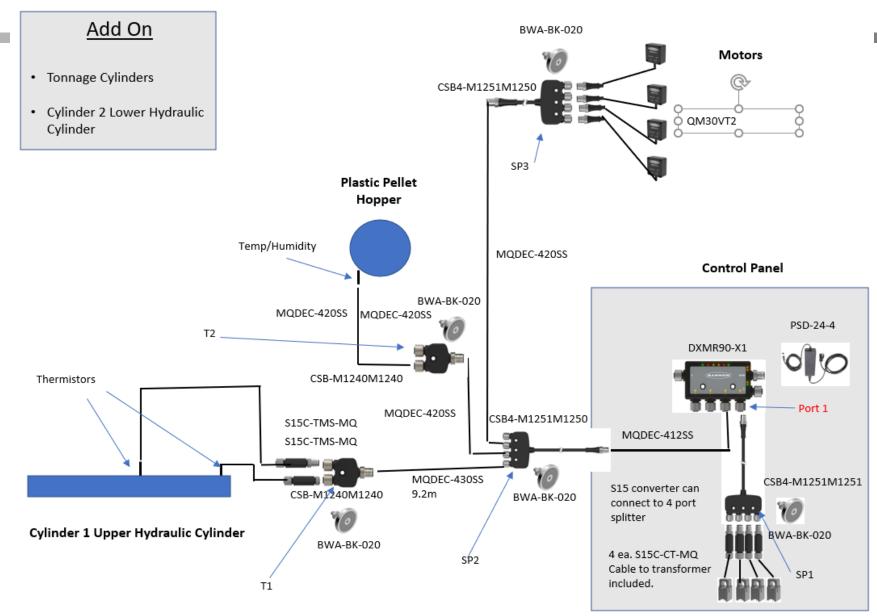
Injection Molding Machine





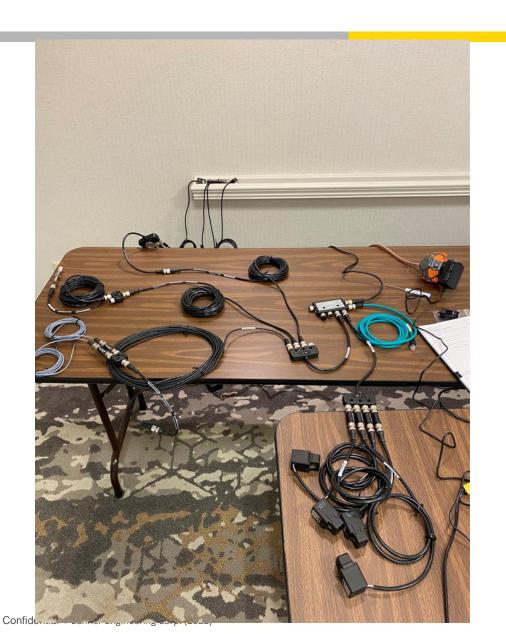
Injection Molding Machine Overlay





Mold Machine Monitoring with Snap Signal















DXMR90 Industrial Controller



Temp and Humidity in Hopper

Current Monitoring w/SNAP









Confidential • parmer engineering corp. (2022)

Hopper Temperature and Humidty



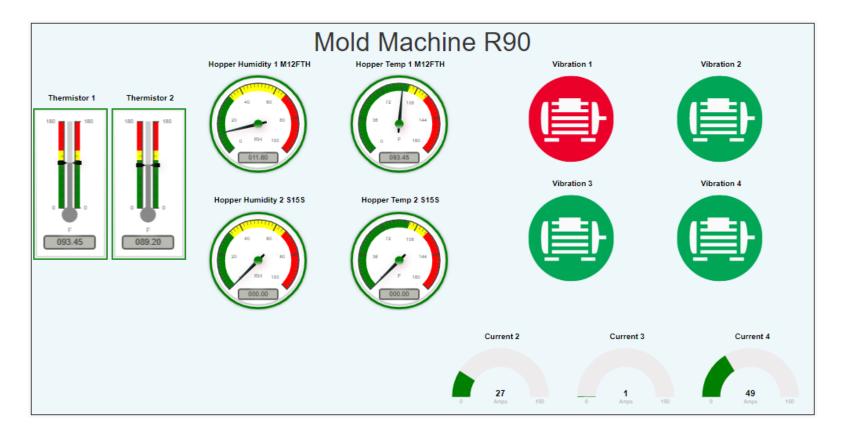




DXMR90 Industrial Controller

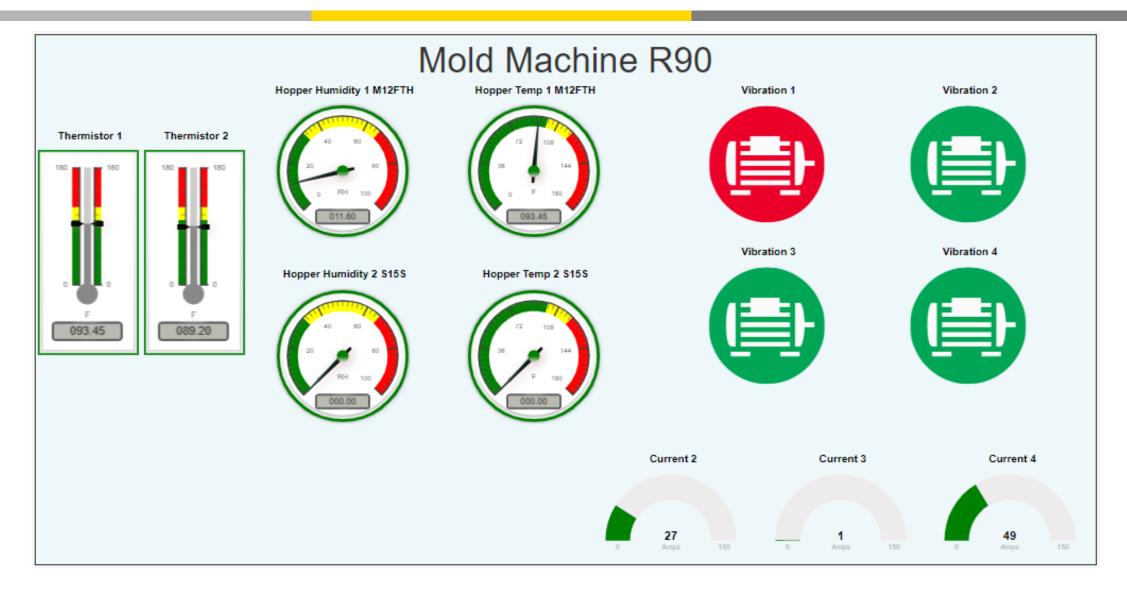






Monitoring Snap Signal

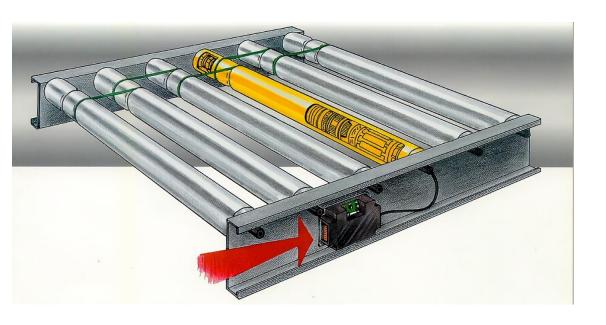




Opportunity for the R45C-K-UQ (2000+ units ordered)







External Control	Surface Speed* ft/min ±5%		
0~10V DC	PM486FE-17 (3-stage)	PM486FE-60 (2-stage)	PM486FE-100 (1-stage)
9.6~9.9	55.4	196.8	433.6
9.1~9.4	50.5	180.4	433.6
8.6~8.9	48.2	172.2	433.6
8.1~8.4	45.9	164.0	433.6
7.6~7.9	43.6	155.8	433.6
7.1~7.4	41.3	147.6	433.6
6.6~6.9	36.7	131.2	433.6
6.1~6.4	34.4	123.0	433.6
5.6~5.9	32.1	114.8	408.7
5.1~5.4	29.8	106.6	379.5
4.6~4.9	27.6	98.4	350.3
4.1~4.4	25.3	90.2	321.1
3.6~3.9	23.0	82.0	291.9
3.1~3.4	20.7	73.8	262.7
2.6~2.9	18.4	65.6	233.5
2.1~2.4	16.1	57.4	204.3
1.6~1.9	13.8	49.2	175.2
1.1~1.4	11.5	41.0	146.0
0.6~0.9	9.2	32.8	116.8
0.1~0.4	6.9	24.6	87.6

Opportunity for the R45C-K-UQ (1800 Units ordered)

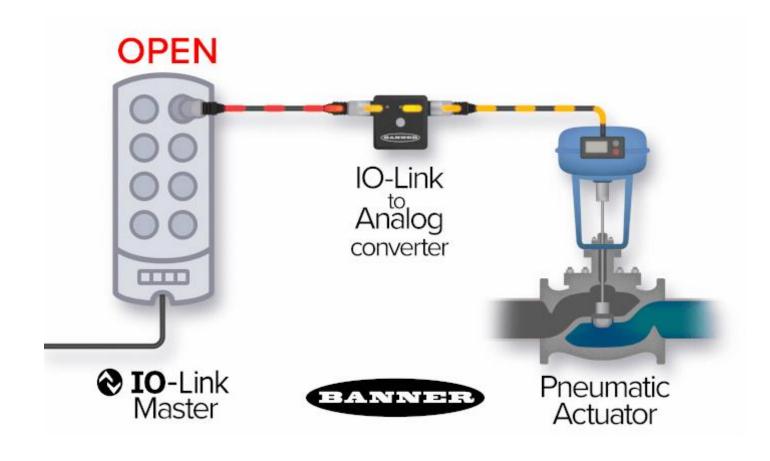






Opportunity for the R45C-K-UQ (1K immediately and 3-4K Annually)





R45C Analog/IO-Link Converters







CT Monitoring Application

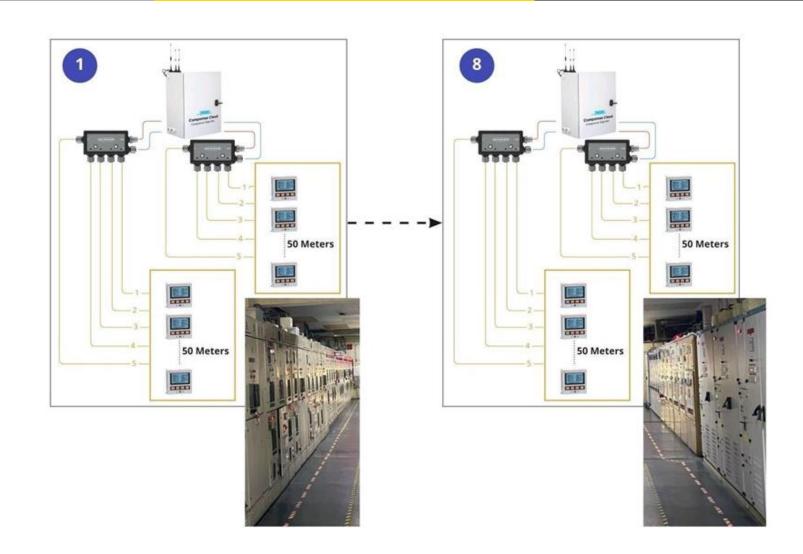






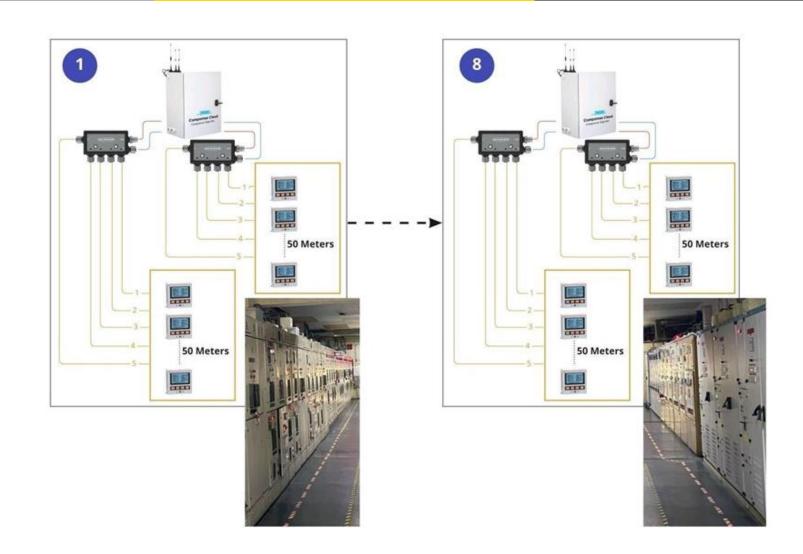
Electrical Submetering





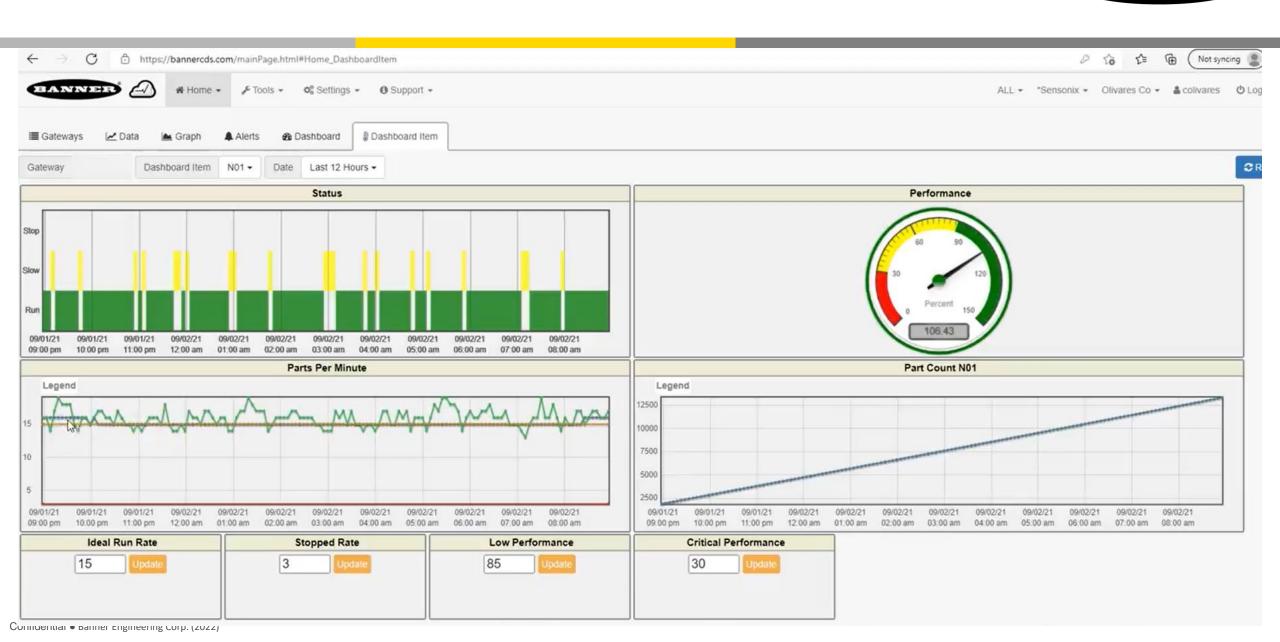
Electrical Submetering





Webservices Features- Customizable and Codeless Dashboards!





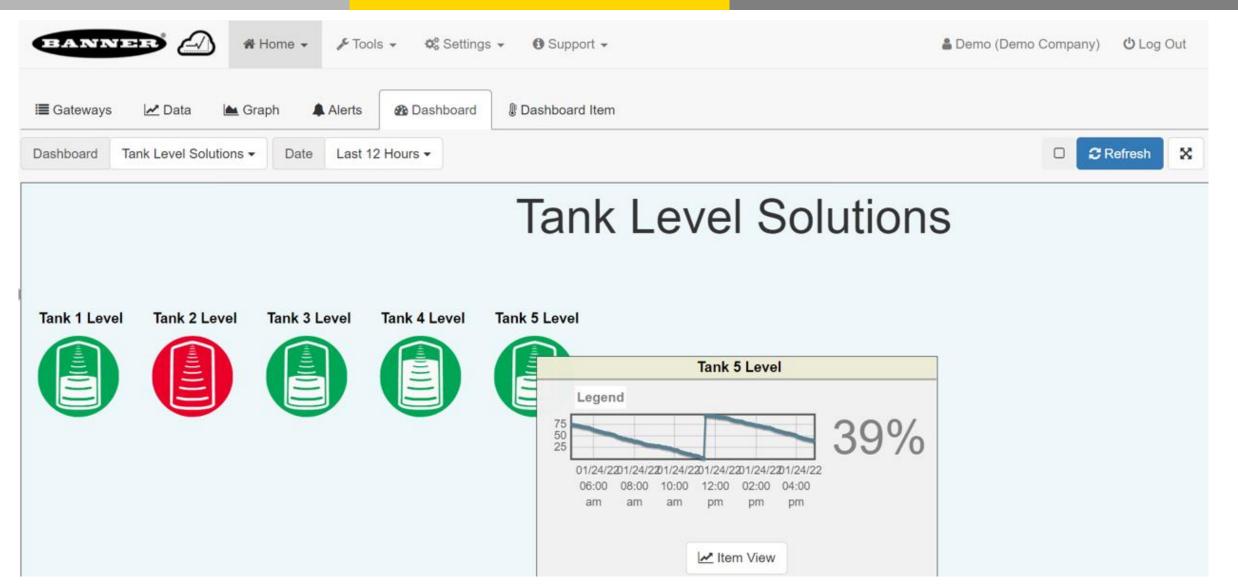
Applications- Tank Level Monitoring





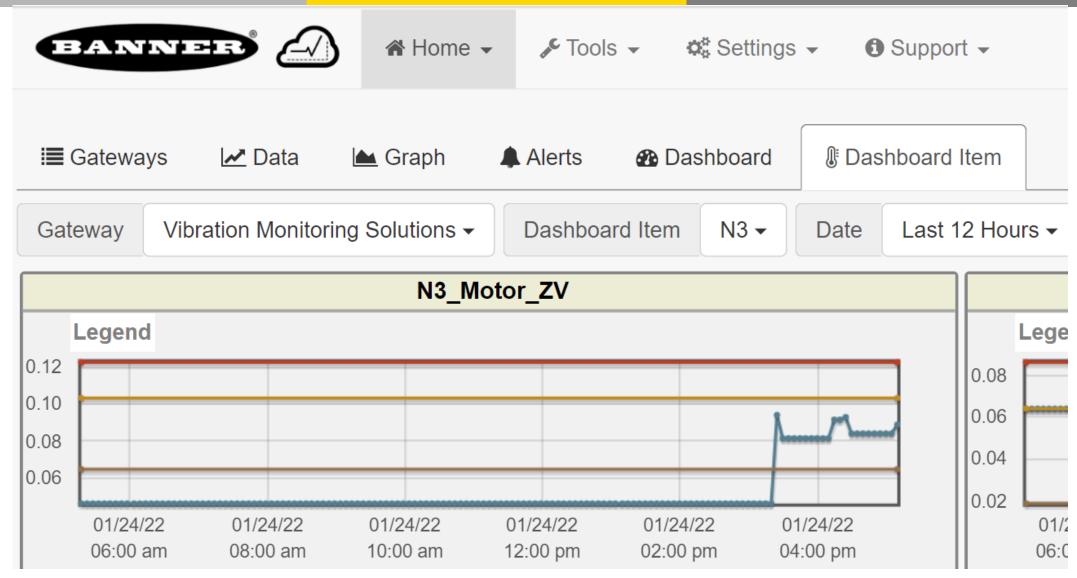
Webservices Features- Customizable and Codeless Dashboards!





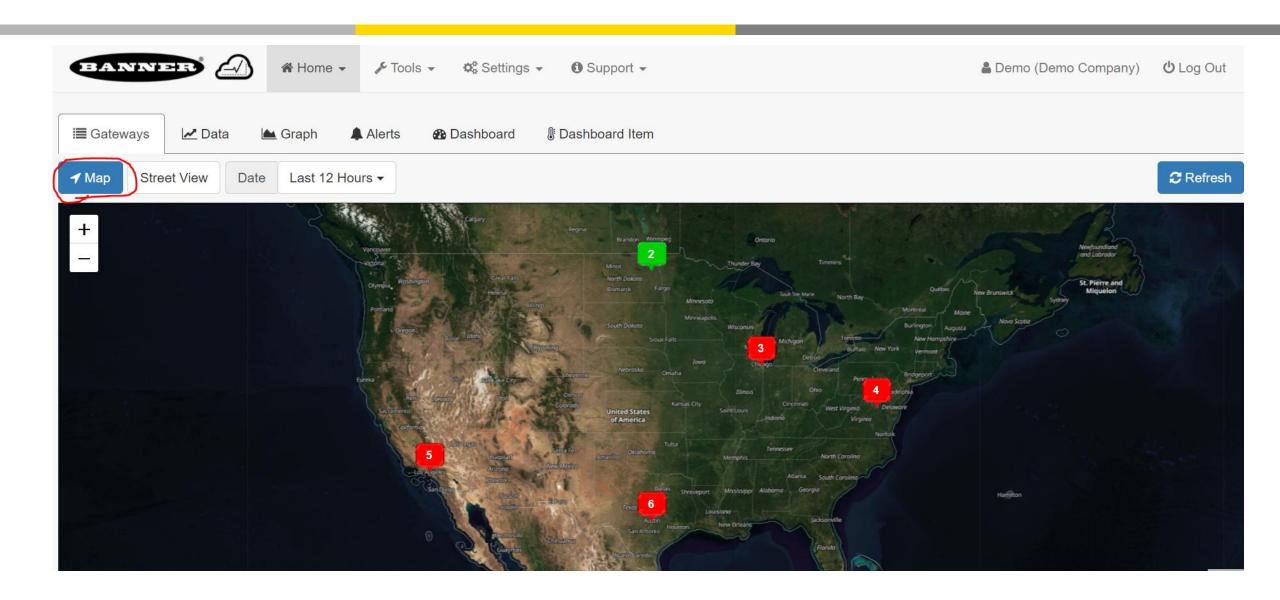
Webservices Features- Custom Graphing and Alert Baselines!





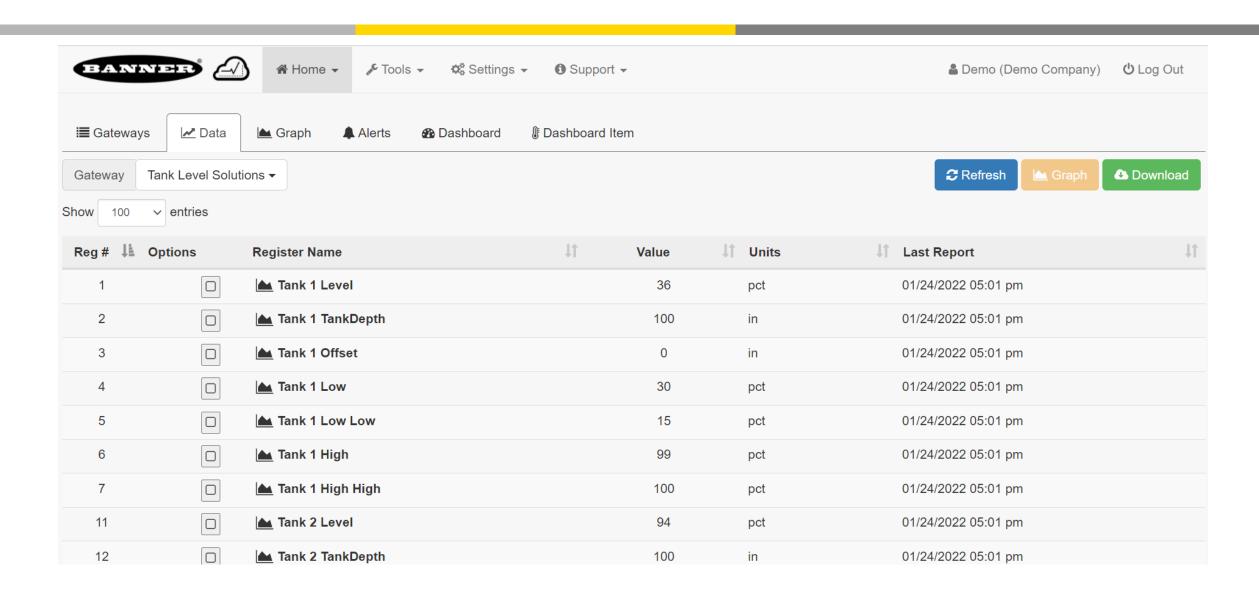
Webservices Features- Device Mapping and Health Status!





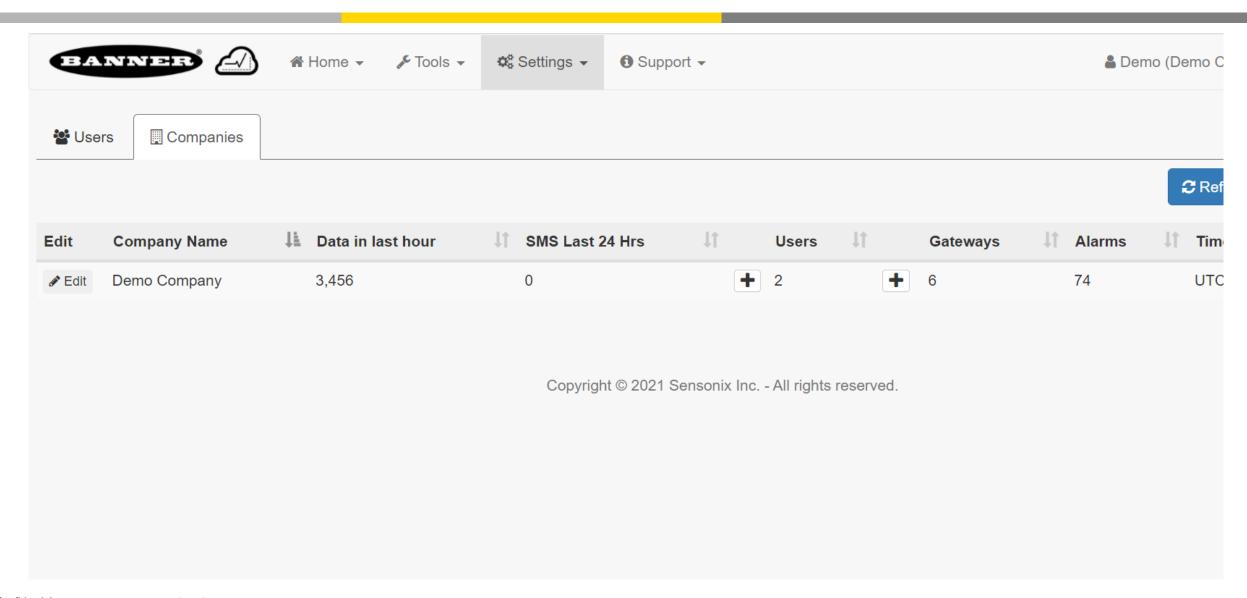
Webservices Features- Long Term Data Storage





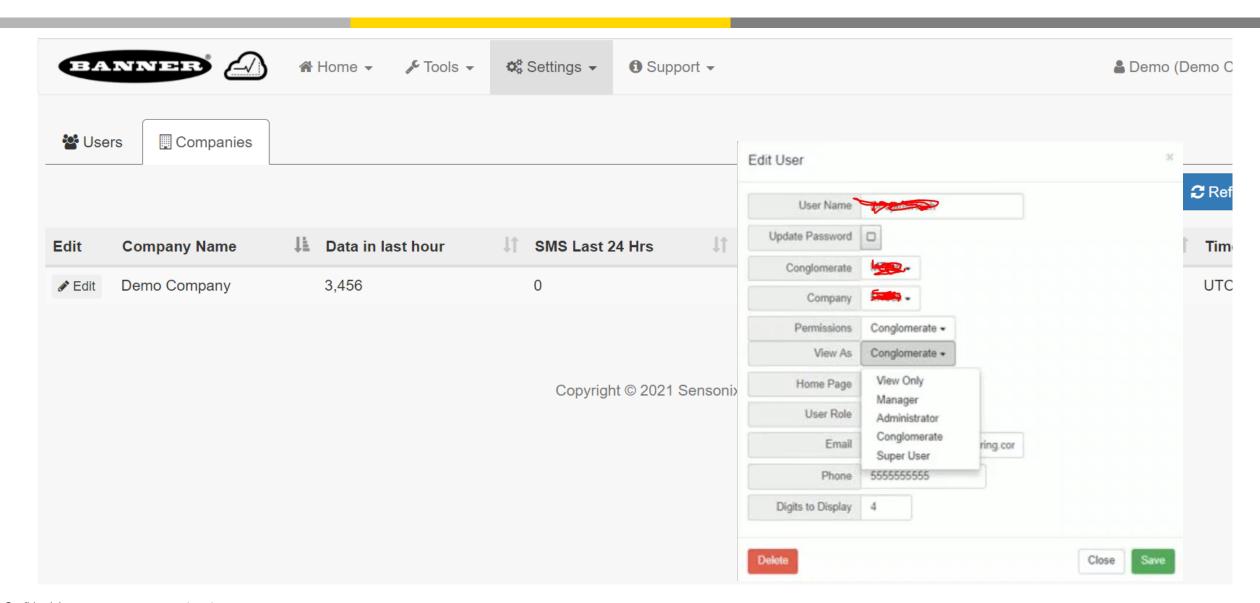
Webservices Features- Business Monitoring Tools





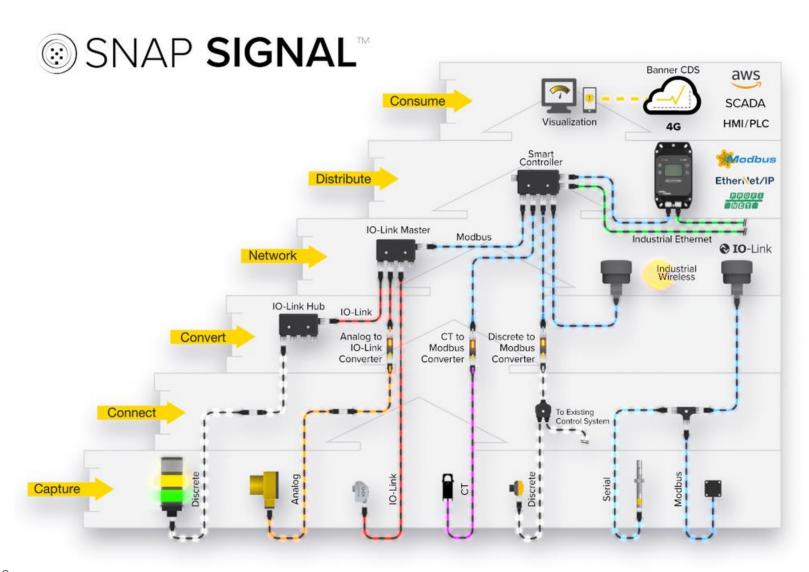
Webservices Features- User Permissions with Access Control





snapsignal.bannerengineering.com





Thank you!