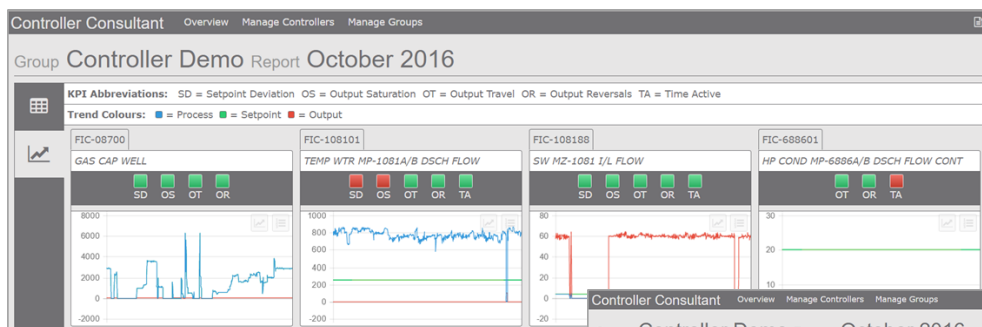




Controller Consultant

Understand how to best manage your Controllers

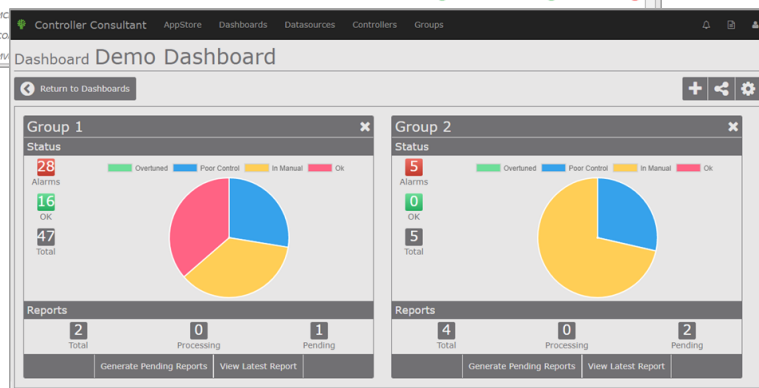


- Do they need tuning?
- Are they over-tuned?
- Are they in manual (disabled)?

Controller	Description	Setpoint Deviation (%)	Output Saturation (%)	Output Travel (% / h)	Output Reversals (/h)	Time Active (%)
FIC-08700	GAS CAP WELL	0.21	27.9	0.9	0.1	N/A
FIC-108101	TEMP WTR MP-1081A/B D...	209.73	100	0.3	0	100
FIC-108188	SW MZ-1081 I/L FLOW	22.12	21.4	1.72	2.63	100
FIC-688601	HP COND MP-6886A/B DS...	N/A	N/A	0	0	0
FIC-870006	W.I BOOSTER PMP MP-870...	13.73	93.19	8.64	0.56	99.9
FIC-870008	W.I BOOSTER PMP MP-870...	10.07	100	0	0	1.1
FIC-870009	W.I BOOSTER PMP MP-870...	N/A	N/A	0	0	0
FIC-87006	W.I PUMPS OUT	0.18	100	0.27	0	N/A
FIC-870178	PROPORTIONAL ACTION	N/A	3.7	N/A	3.48	N/A
FIC-870186	W.I PMP MP-8708B DISCH ...	18.82	100	0.4	2.53	96.1
FIC-870187	W.I PMP MP-8708C DISCH ...	N/A	N/A	0	0	0
FIC-8706A	MP-8706A OUT	92.35	88.7	3.29	0.07	N/A
FIC-8706B	MP-8706B OUT	N/A	99.7	0.81	0.01	N/A
FIC-8706C	MP-8706C OUT	N/A	99.87	0.81	0.01	N/A
FIC-890067-A	HTG MED FLOW TO WHRUS	N/A	N/A	0	0	0

Controller Consultant:

- Finds controllers automatically so you don't need that expensive configuration project



- Automatically finds controllers that are left in manual



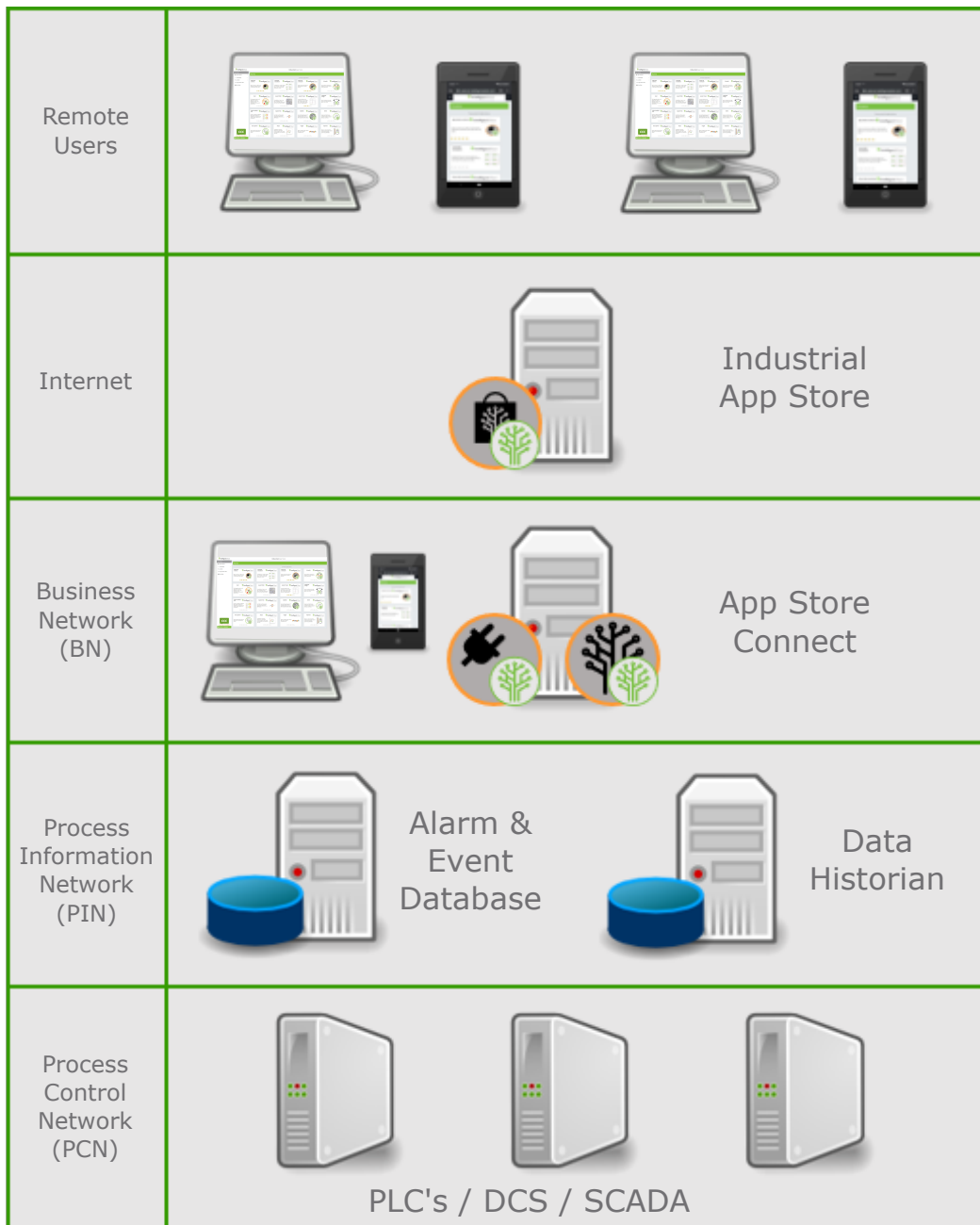
- Highlights over-tuned controllers which may lead to excessive wear





Architecture

How it Works



- A lightweight piece of software called the App Store Connect is installed on your Business Network with read only communications to your Plant Historians via bespoke and OPC protocols.
- You control which data can be shared to the Industrial App Store. You control who and which Apps have access to this data. Data access is controlled by you and no-one else.
- Requests for data are sent from the Industrial App Store to your App Store Connect which then gets the data from your Historian and serves it to the Industrial App Store. All this is done securely using HTTPS.
- Once the data is used by the App it is discarded. Any calculated results can be written back to the App Store Connect on your site. Share data with business users, vendors, remote external users and service providers etc.

At Intelligent Plant we recognise that there are many ways and reasons to access, interpret and analyse data but we believe that your data should always remain YOUR data.