ionSign Cloud
Web Interface to Data and Devices

ionSign devices bring data from field meters and sensors to servers of your choice: your own, commercial ones like AWS, Azure, Watson, or to ionSign Cloud. The Cloud is a tool for reporting and data and field device management. With ionSign devices, *you don't have* to use the Cloud, but it *greatly adds to* your data and device management choices.

ionSign CLOUD – *Freedom of Choice*

ionSign Cloud brings remote data at everyone's disposal. It brings the freedom to digitalise any metering, to any platform. Whether a platform provider, energy or facility manager, or a remote asset owner, you'll find a plan to fit your needs. Off-the-shelf, ionSign Cloud serves for basic reporting needs. If you want to take the data to more sophisticated platforms, we have several choices. One completely without ionSign Cloud works by serving data from ionSign field devices directly to your own server. You may still wish to opt to manage your field devices in ionSign Cloud. You choose.

Jump Start Digitalisation

With ionSign **Neutron** and **Gluon** data loggers, and **ionSign Cloud**, the IoT path from zero to hero is incredibly short and fast. Browser access to reports and configuration works instantly after device setup.

CASE: Fabriq, UK (formerly EnergyDeck)

Fabriq is about energy monitoring, sustainability management and smart building operations. Improving by identifying inefficiencies - for energy, but also water, waste, air quality, wellbeing and more. Result sharing engages all building stakeholders, from landlords to tenants. ionSign's loggers are a part of Fabriq's portfolio, and data has to be automatically imported into the Fabriq OS at high frequency intervals. The adopted solution uses a *data forward* approach, where devices are managed in ionSign Cloud, data is converted into the Fabriq format and forwarded real-time in JSON format. Development work was light and fast.

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5 Options to work with ionSign CLOUD and Neutron and Gluon data loggers

1. ionSign Cloud in Charge
Send data to ionSign Cloud, view and download reports, and manage devices. The easy way.

2. ionSign Cloud
Private Instance
Install ionSign Cloud on your own server and enjoy all features under your control.

3. Hybrid Setup
Receive data right to your own data system, manage devices in ionSign Cloud. We help you to build a data interface.

4. ionSign Cloud Data Forward
Send data to and manage devices in ionSign Cloud. Receive forwarded real-time JSON data to your own data system, via a bespoke interface. Forwarding also to commercial clouds. FTP Get option.

5. Customer Cloud in Charge
Receive data directly to your own data system, also manage field devices there. We help you to build interfaces for data and devices. 3G/GSM devices can alternatively be managed with SMS messages.

METER SELECTION		Modbus (36)		METER 25	
#	Name	Last V		Name	Ulkorakennus L1
		Analog (0)		Last Raw Value	43.00
1	Ulkorakennus L1	476		Unit of Measure	kWh
		Pulse (8)			
3	Ulkorakennus L2	444		Minimum Value	0
		Temperature (1)			
5	Ulkorakennus L3	0 mA	Modbus (36)	Maximum Value	0
7	Pannun ohjaus L1	0 mA		Divider	1000
9	Pannun ohjaus L2	0 mA		Numeric Type	Int 32 bit unsigned
11	Pannun ohjaus L3	0 mA		Register Type	Other
13	Lämmitysvastus L1	0 mA		Modbus ID	0
15	Lämmitysvastus L2	0 mA		Register Type	Not Used
17	Lämmitysvastus L3	0 mA		Modbus Register	<unset>
19	<not set>			Register status	Inactive
20	<not set>				
21	<not set>				
22	<not set>				
23	<not set>				
24	<not set>				
25	Ulkorakennus L1	2824.53 kWh			
27	Ulkorakennus L2	3188.11 kWh			
29	Ulkorakennus L3	2488.06 kWh			
31	Pannun ohjaus L1	61.46 kWh			
33	Pannun ohjaus L2	62.88 kWh			