



SMART PANEL IGM · SPIGM

Keep the Liebert equipment. Retire the SiteLink.

The Smart Panel IGM connects up to twelve Liebert units over the RS-422 IGM wiring already in your building. It is a complete Pythia DM in a wall-mount panel: live dashboards, alarms, notifications and trends for every unit, published to your BMS and NMS.



12

Liebert IGM devices per panel

0

new communication cables. It uses the existing RS-422 IGM wiring

3

protocols to your BMS and NMS: BACnet/IP, Modbus/TCP and SNMP

1

network connection, through the panel's built-in Ethernet switch

A drop-in replacement for Liebert SiteLink. Cooling, UPS, power distribution, static transfer switch and leak detection units all come into one console, with nothing to install on any PC.

SiteLink replacement

Reuses the RS-422 IGM wiring already in place.

A full DM inside

Console, alarms, trends and dashboards.

BMS and NMS ready

BACnet/IP, Modbus/TCP and SNMP maps built for you.

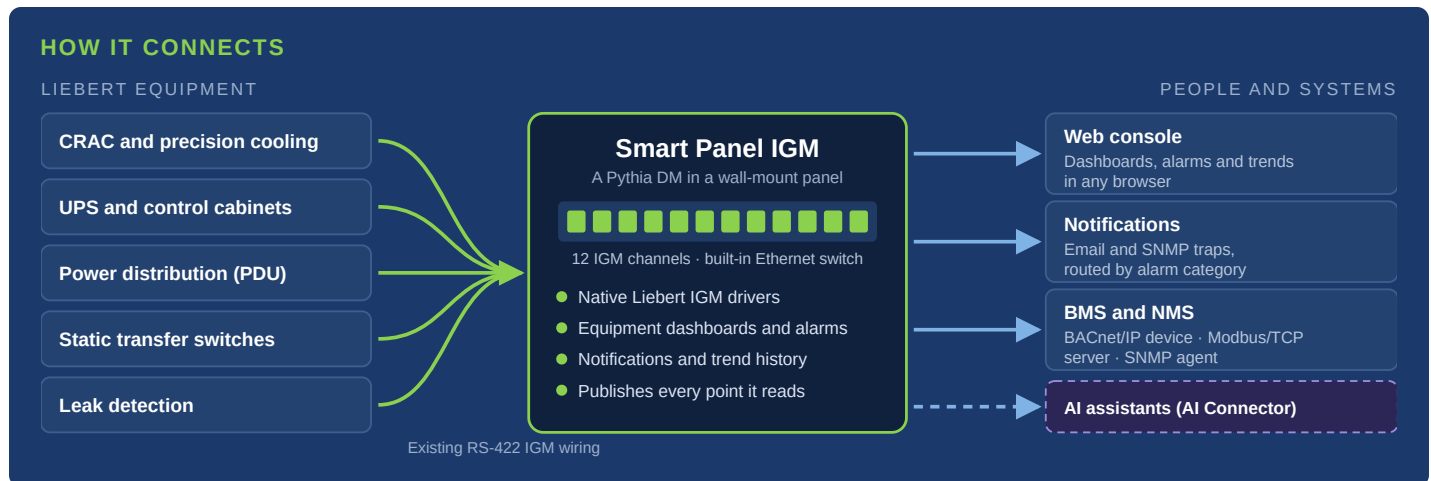
AI Connector

For Claude, ChatGPT and MCP assistants.

WHAT THE SPIGM DOES

Your Liebert units, back on the network, without rewiring.

Many sites still run Liebert cooling, UPS and power equipment that reports over the IGM interface, through a SiteLink that is hard to support and hard to integrate. The SPIGM takes the SiteLink's place on the same RS-422 wiring, reads each unit in its native IGM protocol and gives you everything the Pythia DM does.



Dashboards for Liebert equipment

UPS units show online, on-battery and bypass states with battery condition. Static transfer switches show which source is preferred and which is on load. Leak detection shows cable state and leak distance.

Alarms you can act on

Every IGM alarm the unit reports, with roll-up from unit to group to site, acknowledgment, history and a full-screen Alarm View for a wall display.

Published to your other systems

Every point is published at once as a BACnet/IP device, a Modbus/TCP server and an SNMP agent. Pythia documents the register, object and OID for every point of each Liebert type.

Controls where the unit allows them

Liebert CRAC types such as Deluxe System/3 and Mini-Mate2 expose controls. Each is disabled for outside writes until you enable it on the DM.

Trends and history

Five trend buckets, from five-minute to long-term, with zoomable charts and export to PDF or Excel.

Finds the units for you

A Pythia discovery tool identifies each Liebert unit on its IGM interface and tells you which driver to use. It only reads from the unit.

SUPPORTED EQUIPMENT

Native drivers for the Liebert equipment on the IGM bus.

Each Liebert type has its own DM driver, so its readings, alarms and controls arrive with the right names and units. Point sets can vary with equipment options and driver version; the DM's own mapping pages are authoritative for your site.

Liebert / Vertiv equipment	Driver	What you see
COOLING		
Deluxe System/3 CRAC	LAM	Unit drawing, readings, alarms, controls
Mini-Mate2 ceiling-mount cooling	MM2	Unit drawing, readings, alarms, controls
Precision cooling, Level 0 / Level 10	L00 · L10	Readings and alarms
XD refrigerant chiller	XDC	Mode and readings
UPS		
Multi-Module UPS (Series 600/610)	MM4	Online, on battery, output off; battery state
Single-Module UPS with static bypass	SM4	Adds on bypass
UPS System Control Cabinet	SC4	System state and up to six module tiles
NPower UPS · SMS UPS	NPR · SMS	Readings and alarms
POWER		
Precision Power Center (PDU)	PMP · PMP2	One-line; PMP2 adds THD, K-factor, crest factor
Static Transfer Switch · STS2	STS · ST2	Two sources, preferred and on-load
LEAK DETECTION AND MONITORS		
Leak detection, single or dual cable	WDU · WDU2	Cable OK, leak or fault; leak distance
RCM8 remote contact monitor · UVM8 universal monitor	RCM8 · UVM8	Readings and alarms



Inside the panel. Twelve IGM channels across the top, the DM processor, the built-in Ethernet switch and dual 24 VDC supplies.

REPLACING A SITELINK

1

Identify

The discovery tool reads each unit on the IGM pair that ran to the SiteLink and names its driver.

2

Land the wiring

The existing RS-422 IGM pairs land on the panel's channels. No new runs to the equipment.

3

Connect

One network connection through the built-in switch. Each unit comes into the console with its dashboard.

4

Integrate

Point your BMS or NMS at the panel's BACnet/IP, Modbus/TCP or SNMP maps.

SPECIFICATIONS

Smart Panel IGM (SPIGM).

EQUIPMENT CONNECTIONS	
IGM inputs	Up to 12 Liebert IGM devices per panel, RS-422, on existing IGM wiring
Protocols in	Liebert IGM (native)
Discovery	Pythia IGM discovery tool identifies each unit and its driver (read-only)
DM PLATFORM	
Console	Web console and full-screen Alarm View in any modern browser over HTTPS
Alarms and notifications	Unit alarms with roll-up, acknowledgment and history; email and SNMP traps routed by alarm category
Trends	Five trend buckets from five-minute to long-term, with PDF and Excel export
Publishing	BACnet/IP device, Modbus/TCP server and SNMP v1/v2c agent, with maps built automatically
AI Connector	Available for the SPIGM: Claude, ChatGPT or any MCP assistant; read-only by default
NETWORK AND POWER	
Network	Built-in Ethernet switch; single network uplink
Power	100–240 VAC input (1.8 A max per supply); dual 24 VDC DIN-rail supplies
PHYSICAL	
Enclosure	Wall-mount ABS, IP67, 510 × 410 × 200 mm
Ordering	SPIGM, Smart Panel IGM (12-channel). SPIGM-CUST for custom configurations

Specifications are subject to change. Larger sites can add custom IGM panels, without their own processor, connected to a primary SPIGM. Contact sales for custom configurations.

DM AI CONNECTOR

Ask your Liebert equipment a question.

Connect Claude, ChatGPT or any assistant that speaks MCP. It answers from the panel's live data: which units are in alarm, what a CRAC is reading, how a UPS has been running. New assistant accounts are read-only, and changes are made only where an administrator allows them.

Retire the SiteLink, keep the equipment.

Tell us which Liebert units are on your IGM bus and we'll confirm the drivers and plan the changeover with you.

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