CIM | PEAK platform

7 key competitive differentiators

How does PEAK compare? – 7 key differences

	CIM	**SkySpark®**
Real-time IoT data	✅	✅
AFDD rules engine	✅	✅
1. Onboarding <30 days	✅	❌
2. Digital workflow	✅	❌
3. Rules library >4000	✅	❌
4. No code FDD rule builder	✅	❌
5. Hosting & cyber security	✅	❌
6. Technical Training & Support	✅	❌
7. GTM Sales & Mkt Support	✅	❌

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AI Machine Learning to ingest and clean data

Unstructured machine data

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NIE-B5/BACnetIP.Daikin FCU.AI-265

NIE-B5/Modbus.MSB-B-H-CB25.2-Power

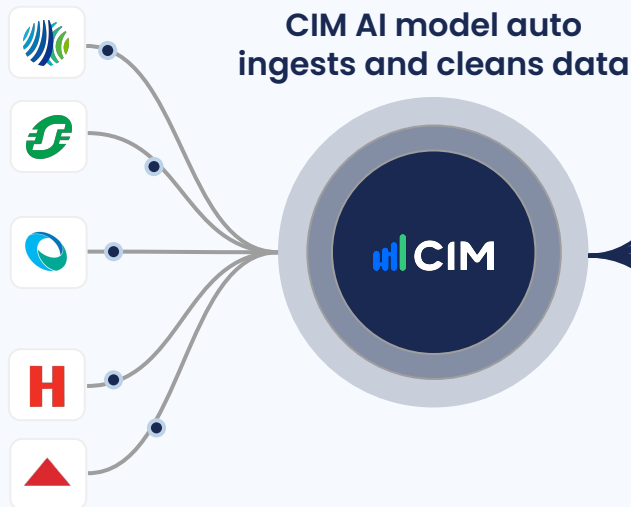23606_Analog-Input instance-23606

L04_CHR_CT-04-2_Basin_Leaving_Temp

NIE-B5/FCB.Local Application.FCU-4 (Lobby)

NIE-B5/FCB.Local Application.FCU-1 PIR-S

4_L45_OL_CT-45-2_Inlet_IsoVlv_Command

NAE-B1/N2-1.VMA-36.VAV 1B-NW3 ZN_DPR

...

CIM AI model auto ingests and cleans data

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Clean structured data

Site	42 Market	33 George	12 Clare
Equipment	CT-04	CH-02	AHU-T2
Category	Cooling T	Chiller	Air Handler
Sensor type	Water temp	Power	Motor speed
Location	L16, Roof	B-2, Plant	L12, CBA
Reading	23.21°C	18	95
Timestamp	2024-05-01 9:47:56	2024-05-01 9:52:12	2024-05-01 9:46:12

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Empowering onsite teams

Intuitive mobile workflow tool where asset teams and vendors can raise tasks, track progress and maintain a complete digital history of activity.

- Site teams can assign to issues to contractors in one click and monitor to progress to rapid rectification.
- Saves contractors significant time as photos and updates can be easily added via their mobile device
- Easily manage collaboration on activities across multiple stakeholders and buildings.

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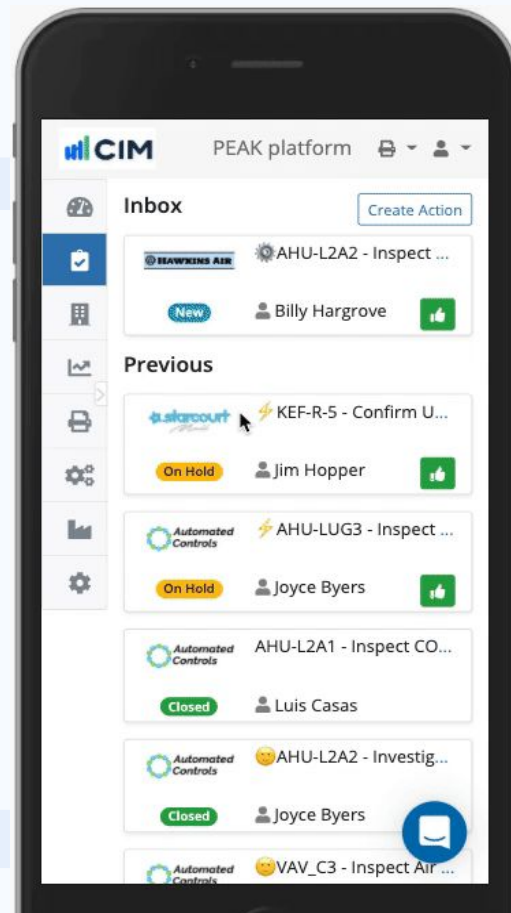
Advanced engineering algorithms

Software not humans identifying HVAC issues

Access to database of thousands of algorithms developed by CIM's expert mechanical, mechatronic and electrical engineers

Rule database is continuously growing

Imperial AND metric rule database (for global portfolio visibility)

Air Handlers (10-100 equip)	Benefit
Overnight Operation	Energy
Overnight Heating	Energy
Economy Mode Override	Energy
Outside Temp Broken Sensor	Energy
Humidity Broken Sensor	Energy
Supply Air Loss	Energy
Supply Pressure Oversupply	Energy
Supply Temp Hunting	Energy
Hot Water Valve Leak/ Stuck	Mechanical
Chilled Water Valve Leak/ Stuck	Mechanical
Outside Air Damper Stuck	Mechanical
Outside Air Damper Hunting	Mechanical
Return Air Damper Stuck	Mechanical
Return Air Damper Hunting	Mechanical
Status Switch Broken	Mechanical
CO2 Broken Sensor	Comfort
Return Humidity Broken Sensor	Comfort
Unit Not Operating	Comfort
Zone Temp Broken Sensor	Comfort
Filter Dirty	OHS

Variable Air Volume (100-500)	Benefit
Airflow Block	Energy
Airflow Leak	Comfort
Damper Override	Comfort
Damper Stuck	Comfort
Overnight Heating	Energy

Chillers (1-10 equip)	Benefit
Unit Fail/ Fault	Mechanical
Overcooling	Energy
Short Cycling	Mechanical
Leave Temp Broken Sensor	Energy
Return Temp Broken Sensor	Energy
Condensor Flow/ Pressure Loss	Mechanical
Evaporator Flow/ Pressure Loss	Mechanical
Condensor Pressure Broken Sensor	Energy
Evaporator Pressure Broken Sensor	Energy
Insufficient Cooling	Comfort
Overnight Operation	Energy

Pumps (3-15 equip)	Benefit
Unit Not Operating	Mechanical
Status Switch Broken	Mechanical
CHW Pressure Oversupply	Energy
Overnight Operation	Energy
Pressure Broken Sensor	Energy
Mismatch CWP & CHWP	Energy

| Cooling Towers (1-10 equip)	Benefit
Unit Not Operating	Mechanical
Overcooling	Mechanical
Leave Temp Broken Sensor	Energy
Return Temp Broken Sensor	Energy
Humidity Broken Sensor	Energy
Outside Temp Broken Sensor	Energy

Carpark Ventilation (3-20)	Benefit
CO Broken Sensor	OHS
CO High	OHS
Missed Daily Purge	OHS

Fans (10-50)	Benefit
Not Operating	Comfort
Overnight Operation	Energy

Meters (1-100s)	Benefit
Review Power Meter Spike	Energy
Review Water Meter Spike	Water

SW dev resources not required

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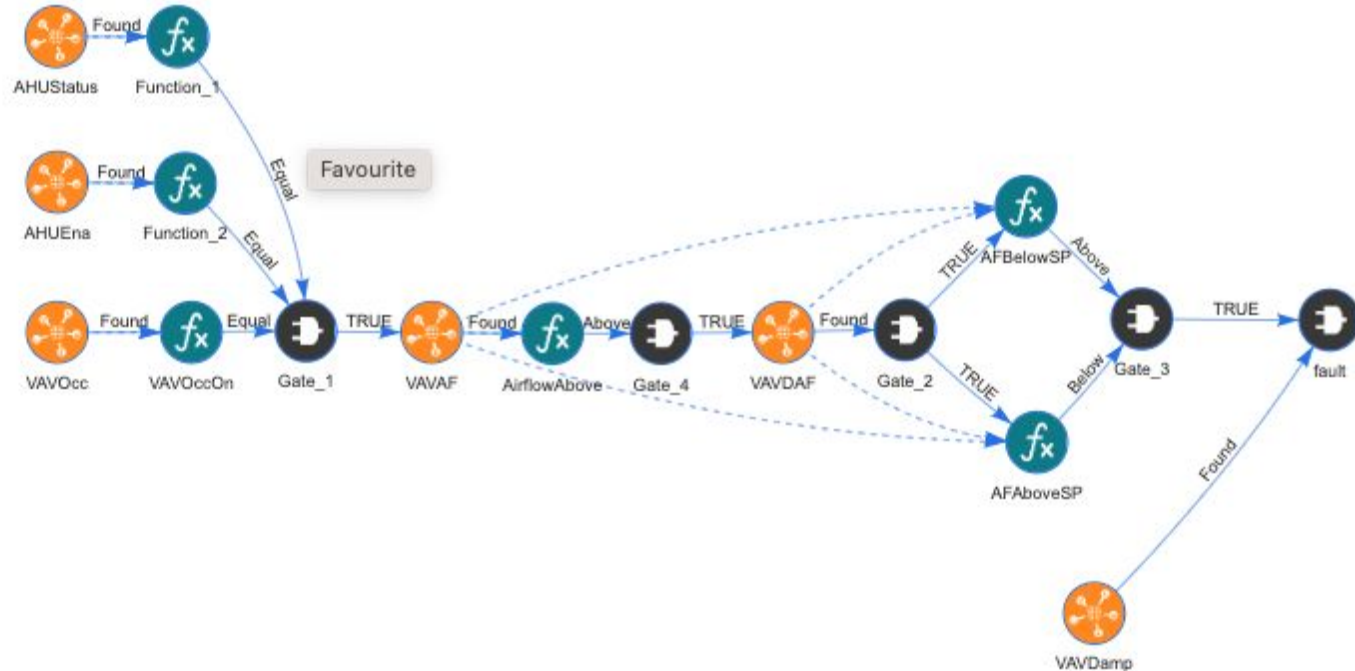
Scalable & secure tech stack

High-security pedigree

PEAK has been deployed on a wide range of high-security assets including airports, banks, government and high-tech manufacturing facilities.

Built on AWS and Intel

PEAK is built and hosted on AWS (Sydney Region). Our data acquisition device (BACER) is manufactured by Intel with a 100% track record of passing client IT security assessments.

Comprehensive policies

CIM has comprehensive and detailed IT security policies covering areas such as data archiving & retention, passwords, vulnerability and disaster recovery.

Ongoing commitment

We run two automated patch schedules (weekly & monthly) and can deploy a patch for critical updates within 15 minutes. We also undertake an annual penetration test with a 3rd party provider.

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Dedicated Partner Enablement team

- >Level 9 engineers support our partners

- QA on Onboarding & commissioning plus deployment and tuning of AFDD rules.

- Training of partner engineering teams

- Partner Portal

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Cost effective & Sales support

All inclusive
$1
point/year model*

*Assumes >50,000 points

Includes:

- ✓ SW dev support
- ✓ Cloud hosting
- ✓ Edge hardware (x5)
- ✓ Cloud hosting (unlimited)
- ✓ Utility monitoring
- ✓ Full partner training
- ✓ Custom data imports
- ✓ Unlimited seats/licences
- ✓ Technical support
- ✓ Live chat support 🇺🇸

Sales & Marketing support

- ✓ Smart Building Form - pre-qual
- ✓ How to sell FDD sales deck
- ✓ Product explainer videos
- ✓ Cyber security repository
- ✓ Objection handling tactics
- ✓ Email/Call scripts
- ✓ Marketing collateral
- ✓ Sales Training F2F

🔗 Sales support portal for partners