Smart Buildings. Real Savings. Zero Complexity.

Building Intelligence Without the Overhead

The Problem with Today's IoT—and How We Solve It

Rising energy costs, stricter ESG demands, and growing operational complexity are driving IoT adoption—**but most solutions fall short.** They rely on client Wi-Fi, are siloed across systems, are costly to install, and hard to scale, often delivering weak ROI.

We solve this with a fully wireless, infrastructure-free IoT platform that connects HVAC, lighting, air, water, and energy systems into one unified, cloud-managed solution—no rewiring, no IT burden, and no reliance on your network.

In partnership with Inferrix, a global OEM, we deliver smart sensors, controllers, and a centralized dashboard designed to:

- ✓ Cut operational costs
- ✓ Simplify building and facilities management
- ✓ Unlock SARS tax incentives and meet ESG goals
- ✓ Future-proof buildings with scalable, fast-to-deploy tech

From ESG Pressure to Net Zero Performance
—We Make It Achievable

ESG compliance:

- Reduce Energy Usage

- Reduce & Process Waste

- Reduce Water & Resource Usage

- Reduce Emissions

- Employment, Employee Welfare, and Associated Practices

Net Zero Performance:

- Reduce Operational Energy Usage – Scope 1, 2, 3

- Reduce Construction & Embedded Carbon

- Zero Net Carbon Emission

What our clients have to say

"We needed to cut operating costs and meet green standards without overhauling our existing infrastructure. The Inferrix solution delivered immediate savings—no Wi-Fi, no downtime, and no disruption to tenants. Within months, we saw a real impact on both our bottom line and ESG scorecard."
— *David M., Director of Property Development, Johannesburg*

★★★★★

"Time and complexity are the biggest risks on any project. Inferrix helped us avoid both. Their wireless system saved us weeks on cabling and commissioning, and the platform was up and running before the build was even handed over. It's the fastest, cleanest integration we've ever had."— *Nomsa T., Senior Project Manager, Mixed-Use Development, Cape Town*

★★★★★

"Inferrix has become our go-to for smart building automation. It's simple to install, doesn't rely on the client's network, and it just works. We're able to offer full BMS functionality—HVAC, lighting, IAQ, metering—without the usual cost or complexity. Our clients love it, and we deliver faster."
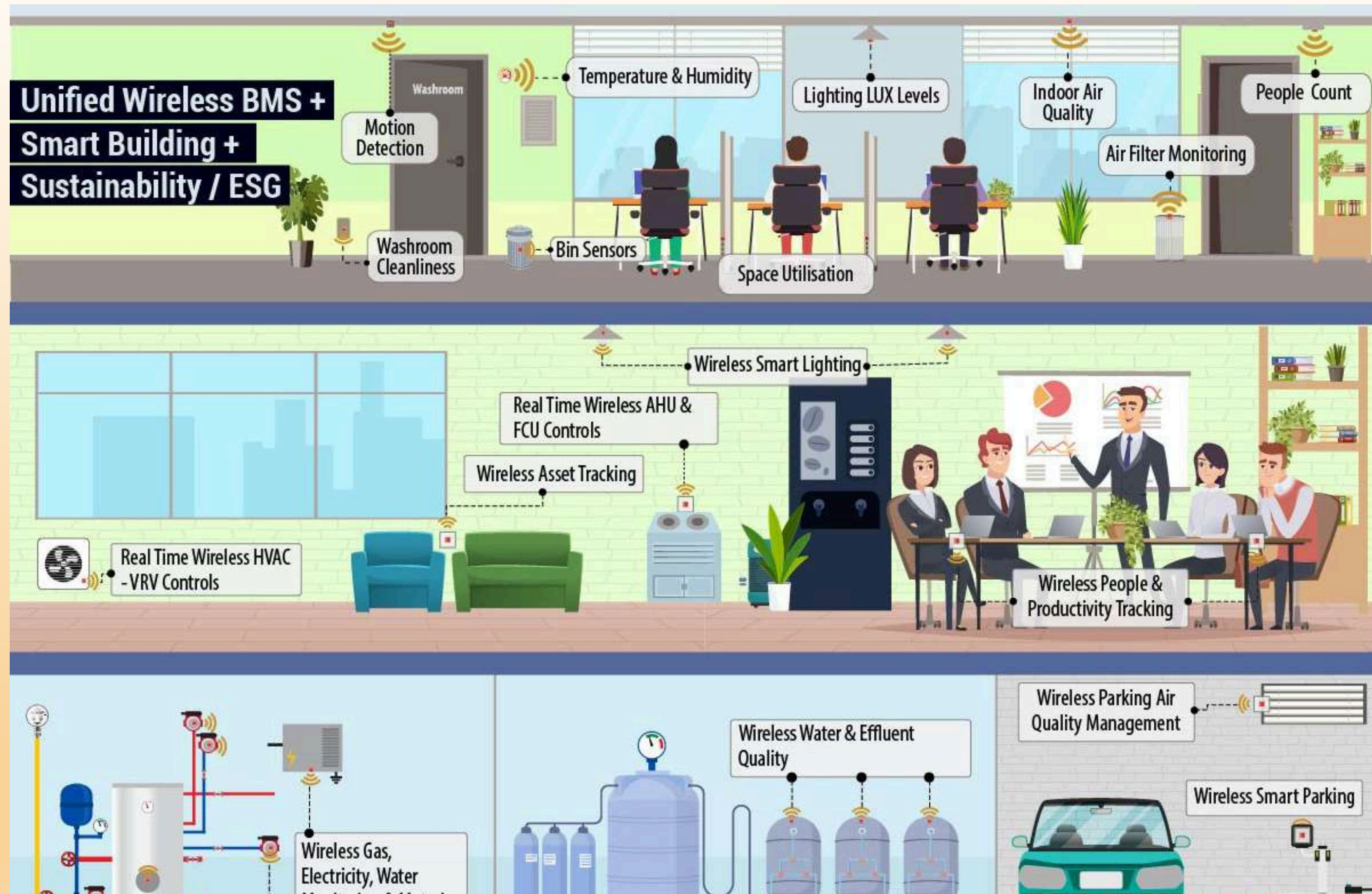— *Ebrahim K., Lead MEP Engineer, Durban*

★★★★★

INFERRIX Global footprint

inferrix
SMARTIFY YOUR BUSINESS

SiSekela

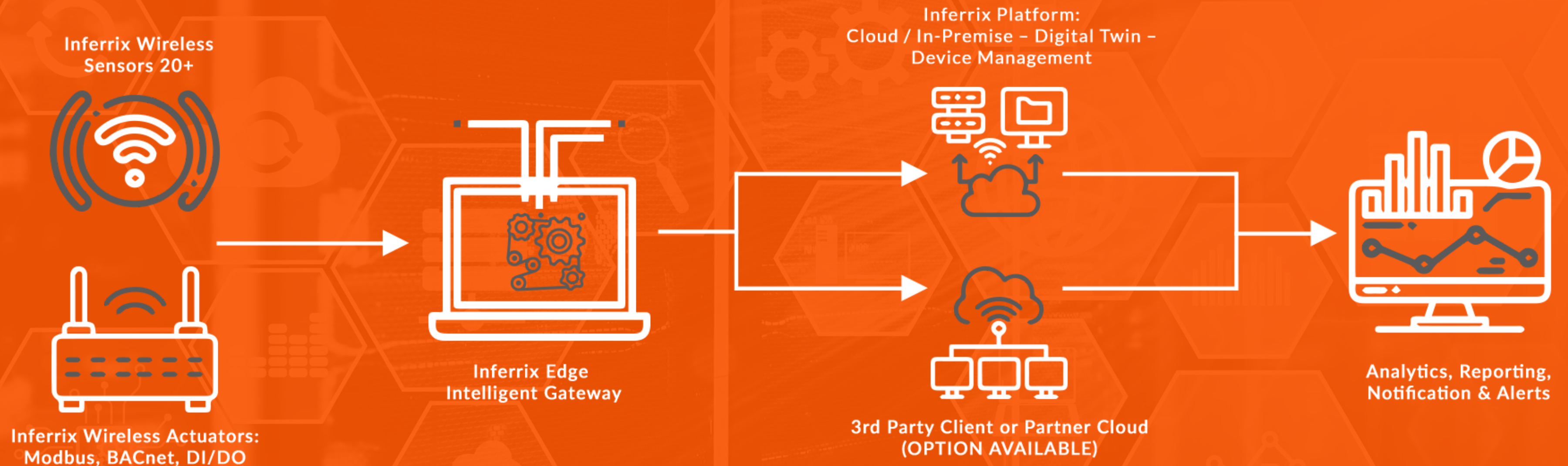## What we monitor and manage:

- Wireless Smart BMS
- Wireless Energy Management System
- SBTi Reporting
- Wireless Smart Lighting
- Wireless ESG / GRI Standards Compliance – Temperature & Humidity, Internal Air Quality, LUX, Noise
- Wireless Asset Management
- Smart Parking
- Smart Washroom
- Smart People Count
- Smart Leak Detection
- Smart Water and Waste Quality / Usage
  ...and many more.

INFERRIX EDGE AI + IOT
SINGLE PLATFORM WITH UNPARALLELED SMART BUILDING

Inferrix Wireless Sensors 20+

Inferrix Wireless Actuators: Modbus, BACnet, DI/DO

Inferrix Edge Intelligent Gateway

Inferrix Platform: Cloud / In-Premise – Digital Twin – Device Management

3rd Party Client or Partner Cloud (OPTION AVAILABLE)

Analytics, Reporting, Notification & Alerts

Why Businesses Choose Us

Zero IT Headaches: Our wireless mesh doesn't use your,Wi-Fi or LAN

Lower Project Costs: 75% less cabling, 50% faster deployment

Qualifies for SARS energy-saving tax benefits (Section 12L) Increases property value & lowers operating expenses (OpEx)

Full-stack: One dashboard for HVAC, lighting, occupancy, air quality & more
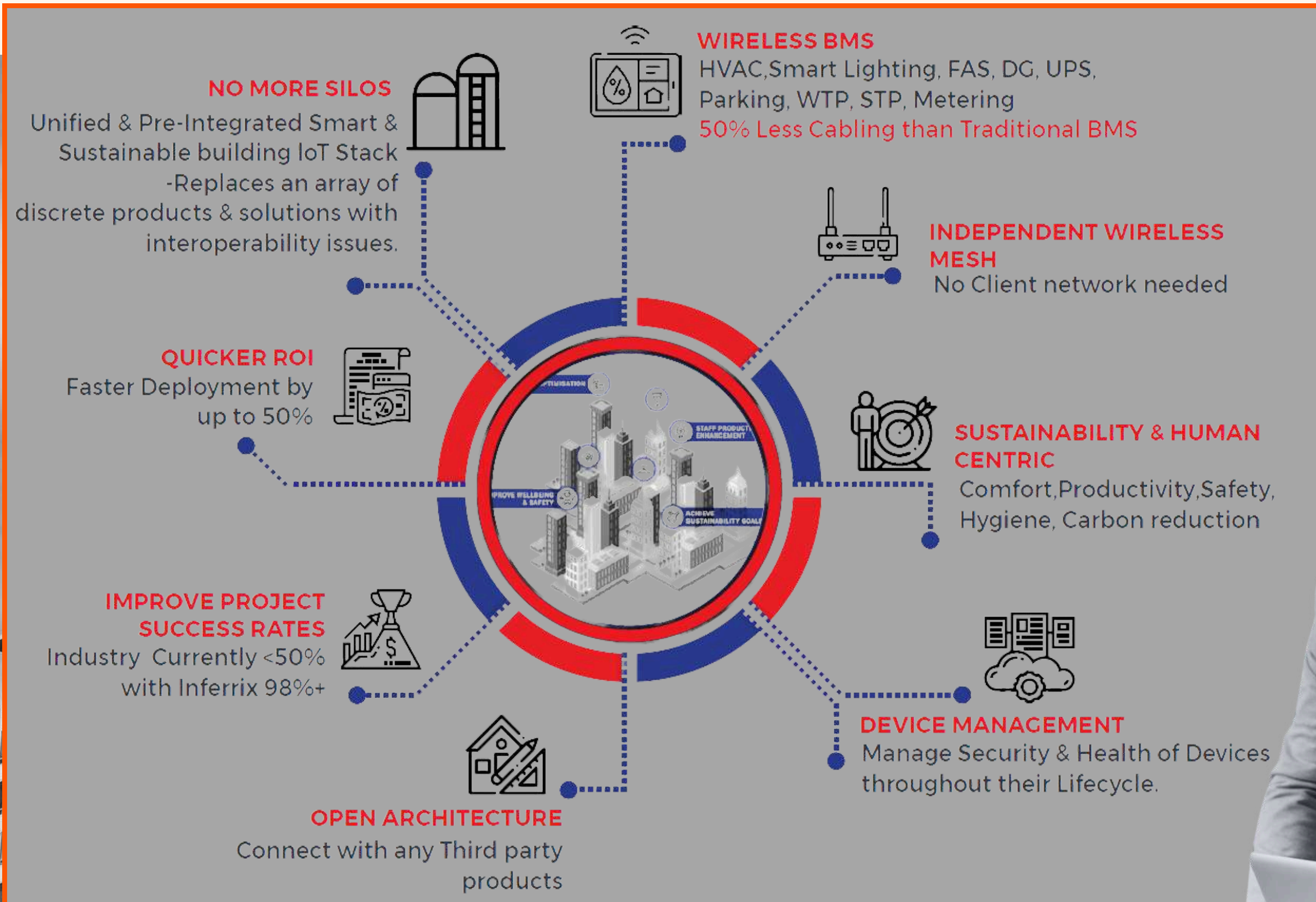
Designed for Retrofitting or New Projects

Works even in areas with poor internet

NO MORE SILOS
Unified & Pre-Integrated Smart & Sustainable building IoT Stack -Replaces an array of discrete products & solutions with interoperability issues.

WIRELESS BMS
HVAC,Smart Lighting, FAS, DG, UPS, Parking, WTP, STP, Metering
50% Less Cabling than Traditional BMS

INDEPENDENT WIRELESS MESH
No Client network needed

QUICKER ROI
Faster Deployment by up to 50%

SUSTAINABILITY & HUMAN CENTRIC
Comfort,Productivity,Safety, Hygiene, Carbon reduction

IMPROVE PROJECT SUCCESS RATES
Industry Currently <50% with Inferrix 98%+

DEVICE MANAGEMENT
Manage Security & Health of Devices throughout their Lifecycle.

OPEN ARCHITECTURE
Connect with any Third party products

Independent wireless mesh!

No more Silos!

Inferrix vs Traditional IoT Providers

Feature	inferrix SMARTIFY YOUR BUSINESS	Traditional IoT / BMS Providers
Wi-Fi Needed	❌ Not required	✅ Yes – client Wi-Fi or LAN required
Installation Time	✅ 50% faster	❌ Slower – wired, complex integration
Cabling	✅ 75% less needed	❌ Extensive cabling needed
Multi-System Control	✅ Yes (Lighting, HVAC, Air, etc.)	❌ Usually siloed or partial
One Dashboard for All	✅ Yes	❌ Usually multiple vendor dashboards
Works During Load Shedding	✅ Yes – Mesh stays online	❌ Risk of Wi-Fi/Network outage
12L Tax Claim Support	✅ Data for verification	❌ Often no M&V support
Edge AI	✅ Built in	❌ Rarely included
Best Use Cases	Retrofits, New Builds, Malls, Hotels, Warehouses	Premium projects only

Real ROI & Tangible Benefits

- Up to 49% energy savings on HVAC & lighting

- 20% lower maintenance costs via predictive alerts

- SARS Section 12L Tax Savings: Claim back R0.95/kWh

- Project Cost Reduction: Save on cable, labor, and installation

- Faster Payback: Typical ROI achieved in 6–18 months (project scope dependant)

This is not a cost. It's a tax-claimable, profit-improving investment.

What You Gain

For Developers & Owners:

- Reduce building OpEx
- Raise green credentials (GRIHA, LEED, EDGE, Net Zero Ready)
- Increase property value
- Simple central management

For MEPs & Project Managers:

- Easy-to-install, zero network dependency
- Avoid Wi-Fi, long cabling, IT complications
- Standardize across sites with fewer vendors
- Faster project delivery, reduced handover risk

For Facilities, Operations and H&S Teams:

- One dashboard for all building systems
- Real-time occupancy, air quality, HVAC, lighting & more
- Fewer breakdowns, better comfort, automated reporting

Use Case example

Retrofitting 26 Buildings across 26 Locations in Major Government Department – 1569 Wireless Sensors

inferrix	SERVICES	WIRELESS – No Client Network	OPTIMIZE MAINTENANCE - INCREASE UPTIME	ESG - DRIVE SUSTAINABILITY	ONE VIEW
Energy Management: CRAC Controls, UPS, Mains, DG, Racks + Fuel Monitoring	●	●	●	●	• DCiE & PUE, Carbon Footprint Management • Capacity Planning
Centralized Monitoring: Productivity Gains	●	●	●	●	• Real – Time & Proactive
Temperature – Humidity: Rack & DC	●	●	●	●	• Prevent Overcooling / Overheating
Access Control	●		●		• Centralized
Water Leakage	●		●		• Proactive & Real-Time
FAS	●		●		• Safety/Centralized
Door Status	●	●	●	●	• Security & Prevent Cooling Loss
Smart Lighting	●	●	●	●	• Energy Optimization

YES

Key Benefits from this project:

- End to End View of all Buildings on ONE CENTRALIZED PLATFORM
- Increased Productivity – No Need for Manual Monitoring of each location
- Minimal Cabling – Wireless Monitoring, 60% less Cabling
- Quick Deployment - All locations deployed & retrofitted in 12 Weeks
- Reporting Automated – No more erratic Manual Reporting
- Reduce Carbon Footprint

Businesses making use of **Inferrix solutions**

Barloworld

SECTIONAL TITLE SOLUTIONS

BRIGHT LIGHT

sasol

MEDICLINIC
EXPERTISE YOU CAN TRUST.

omnia
NUTRIOLOGY

PEPSICO

home affairs
Department: Home Affairs
REPUBLIC OF SOUTH AFRICA

higher education & training
Department: Higher Education and Training
REPUBLIC OF SOUTH AFRICA

SITA

SEW EURODRIVE

CITY LODGE

Let's simplify your buildings, reduce your costs, and unlock hidden value

Let's Discuss

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