

Entrepreneurship and Innovative Technologies & Business Models

Rahul Bhalla
Co-Founder & CEO
Zenatix

Agenda

1. Introduction
2. Problem Statement
3. How we solve it?
4. Key learnings from the journey



About Zenatix



We provide IoT based automation & monitoring solutions, delivering energy efficiency and data-driven asset management.



Zenatix is backed by Hero Electronix, which is a \$200m corpus set up by Hero Group towards creating an ecosystem of new-age “connected solutions” companies



100+ strong team and growing



5 global offices



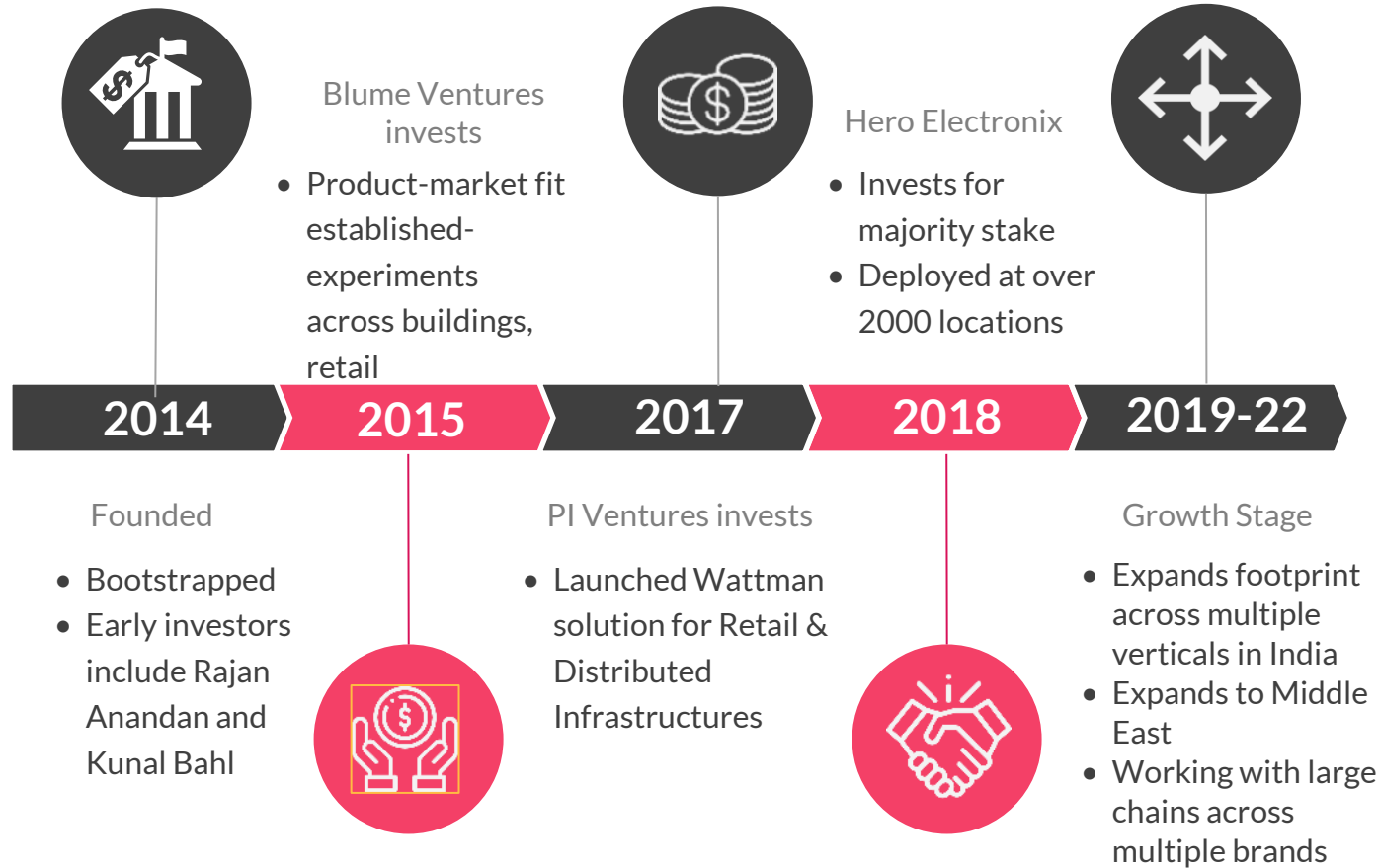
2500+ deployments pan-India



50,000+ connected assets

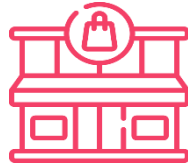


200 Mn+ daily data points processed



Problem Statement | Types of buildings and associated challenges

Buildings use about 40% of global energy and they emit approximately 33% of greenhouse gas emissions



Small Buildings/Retail

- Less than 100,000 sq ft
- BMS systems not developed for these
- Distributed infrastructure for an enterprise customer
- Energy wastage due to manual control

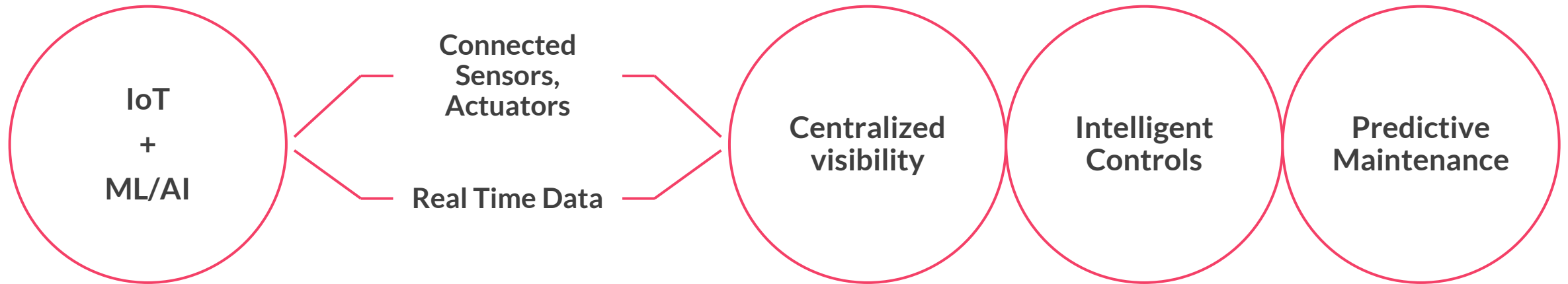


Large Commercial Buildings

- More than 100,000 sq ft
- Challenges of a typical BMS
 - High cost
 - Difficult to maintain
 - No analytics (predictive maintenance)
- Enterprise customers need OEM agnostic platforms

Small/Mid-sized buildings need automation, and there is massive requirement for cost effective, connected systems in large buildings

How Zenatix addresses these challenges?



Benefits

10-20% energy savings

20-25% improvement in compliance

25-30% reduction in breakdowns

ROI in 12-18 months

Largest provider of IoT powered automation in India

Connecting all assets and managing them over Internet deliver tangible benefits

Building Assets



HVAC & Lighting



Refrigeration



Critical assets



Multiple assets
Multiple OEMs

Zenatix IoT Technology

Sensors



Actuators



Gateway



Cloud Platform



Hardware light technology
OEM/asset agnostic | Powered with AI

Benefits

10-15% cost efficiency

Energy savings and people efficiency through automation

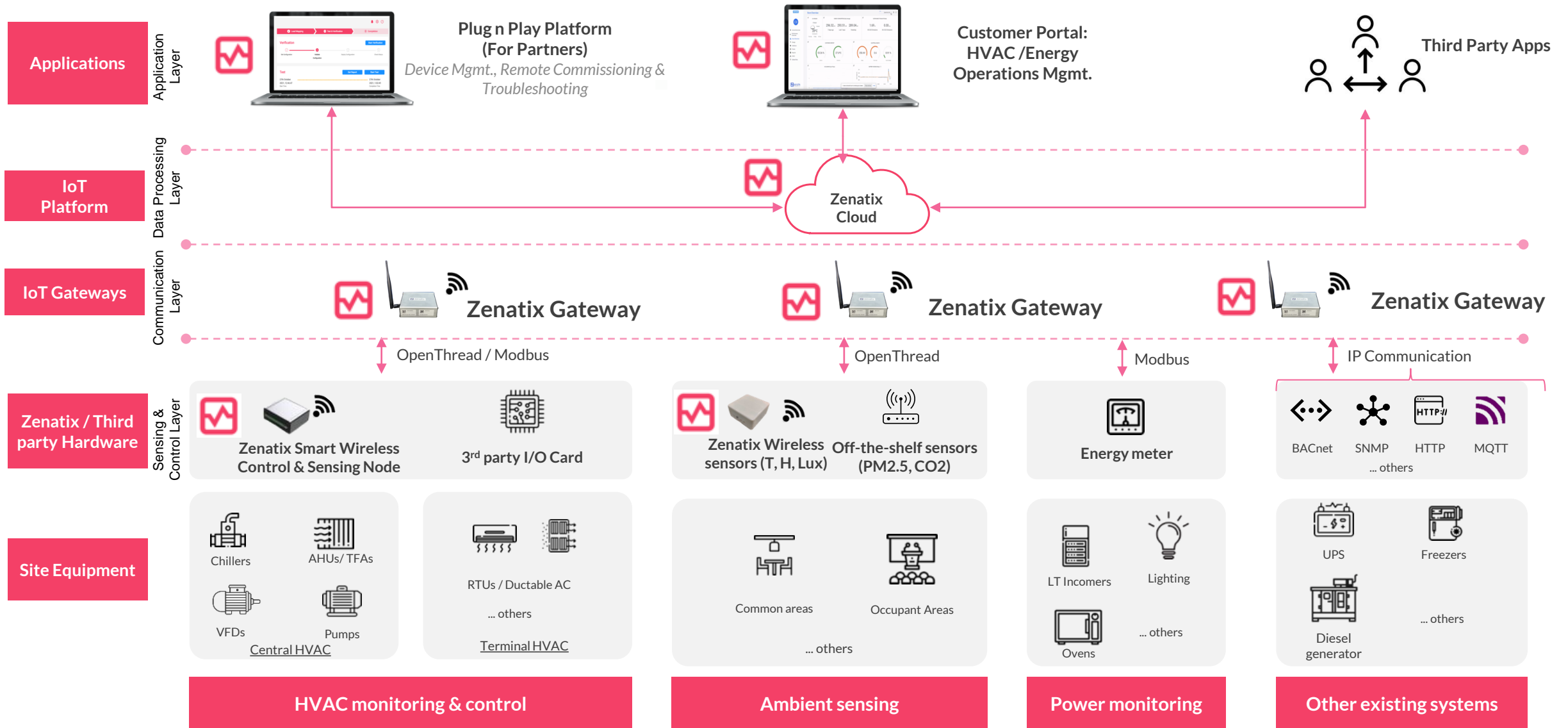
25-30% food safety compliance improvement

20-25% comfort compliance improvement

Safety

Digitalization of all assets

Open extensible technology architecture spans the control and application layers



Why IoT when BMS is an option?

Why IoT?

Connected systems providing visibility across sites

Energy correlation with business metrics for Board room discussions

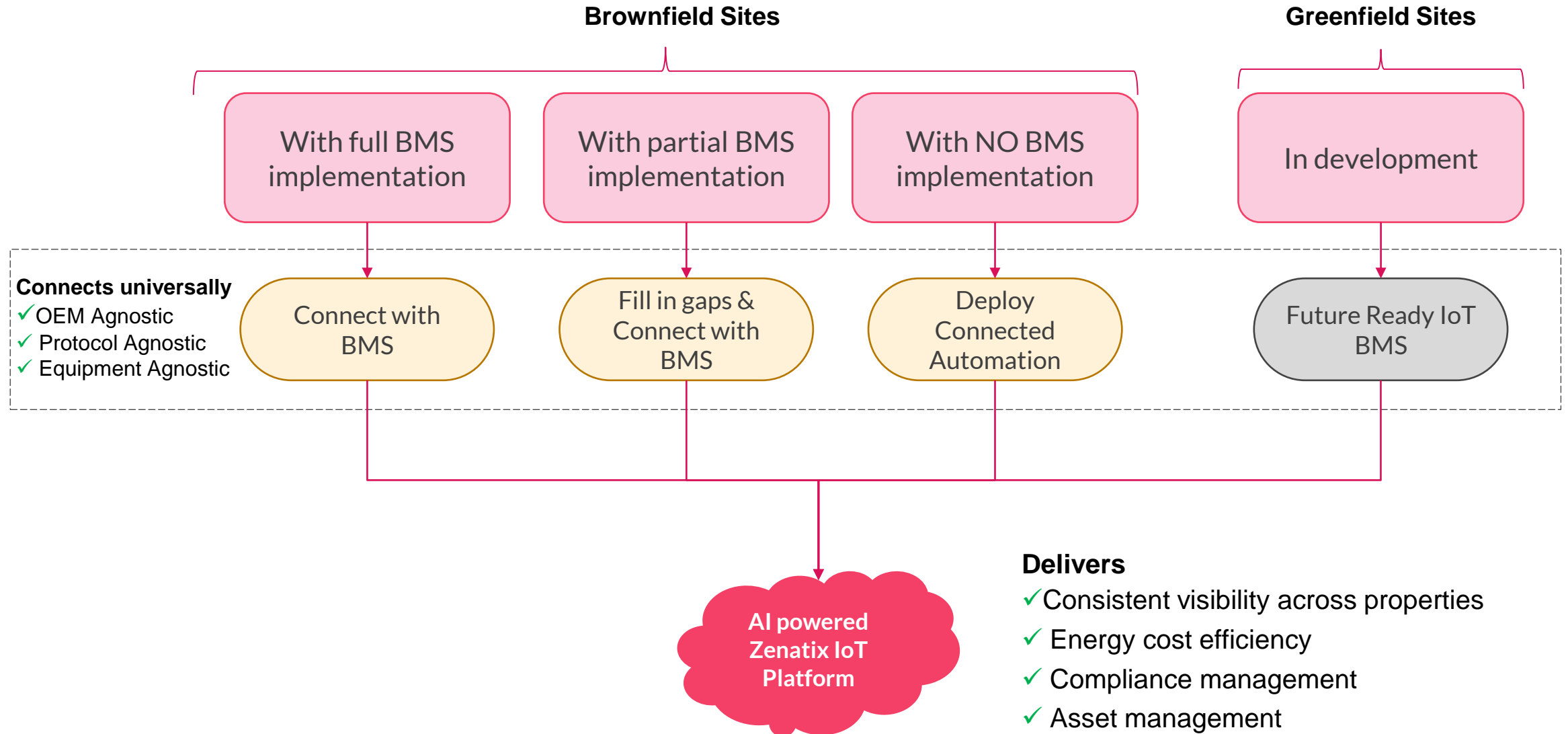
40-60% cost effective – hardware light, software rich

Easy to deploy - battery powered, wireless technology

Condition monitoring driven maintenance

With IoT, you can do lot more than a BMS at 50% of the cost.

What do you do when some properties already have a BMS?



Key learnings from the journey

Focus on product-
market fit is vital



There are no
shortcuts

Perseverance!
Perseverance!

Thank you



Rahul Bhalla



marketing@zenatix.com



+91 11 4084 4800 (Extension: 2)



101H-K, First Floor, The Solitaire Plaza,
MG Road, Near Guru Dronacharya
Metro Station, Gurgaon