iRasus

Energy Intelligence for a Greener World

iRasus

What is iRasus

The world is in flux as it shifts to batteries. Transitioning to batteries comes with its challenges. We want to make this shift easier, safer, quicker, and less costly while being pioneers in the cleantech movement.

iRasus is a deeptech organisation developing analytical products to solve battery-related problems faced by stakeholders located across a battery's value chain. Our products are used to solve key battery management and operational problems in the E-Mobility, Stationary Assets, Charging and Battery Manufacturing Sectors.

iRasus

Who are we

2019

We have been working with key players in the battery space since the past 5 years.

7500+

5B+ data points across 7.5K+ assets have been processed to deliver Insights.

1000+

The industry is new. Our product has learnt to evolve with our clients. We have processed 1000+ metrics in real-time.

Expediting the clean energy transition by making working with batteries reliable, safe, and profitable

iRasus

Our Founders

Arjun Sinha Roy

CEO & CO-FOUNDER

BITS Pilani 1994-1999

Economics + Mechanical Engineering,

20 years in telecommunication, IoT, energy efficiency, renewable energy.

Anirudh Ramesh

CTO & CO-FOUNDER

BITS Pilani 2012-2016

Electrical and Electronics Engineering,

5 years in electronic product development for sports, defense, and energy & power

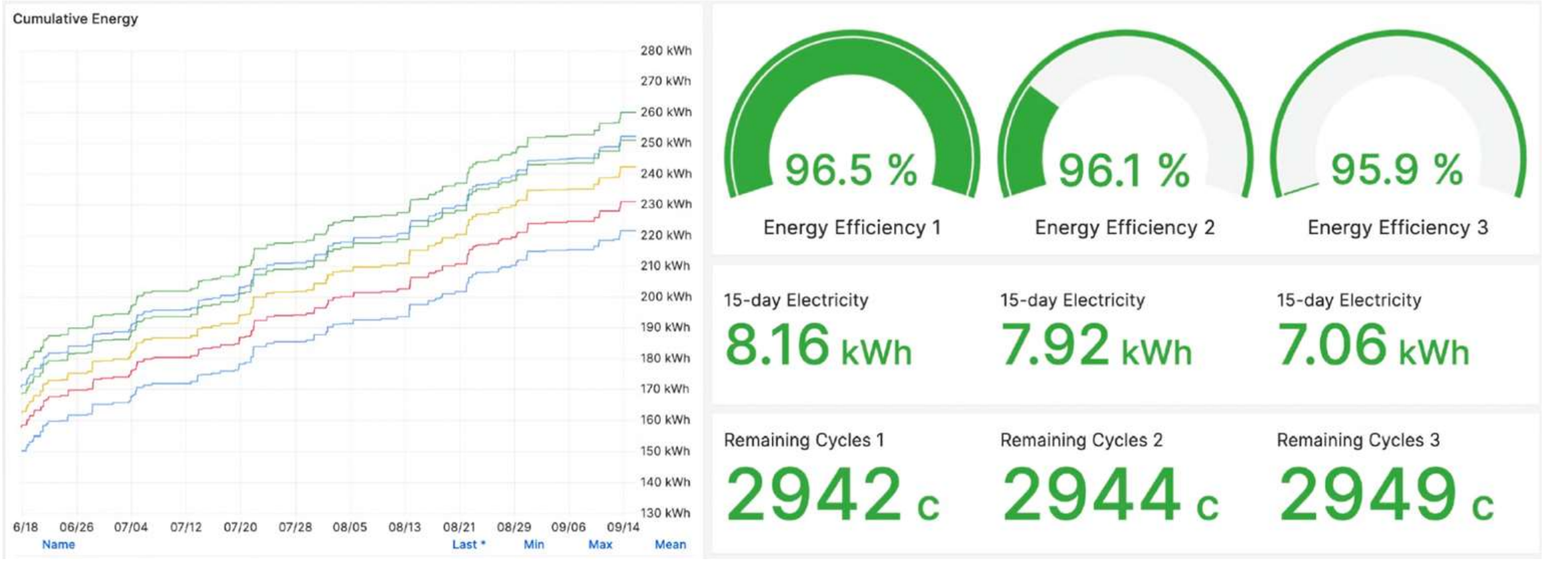
iRasus

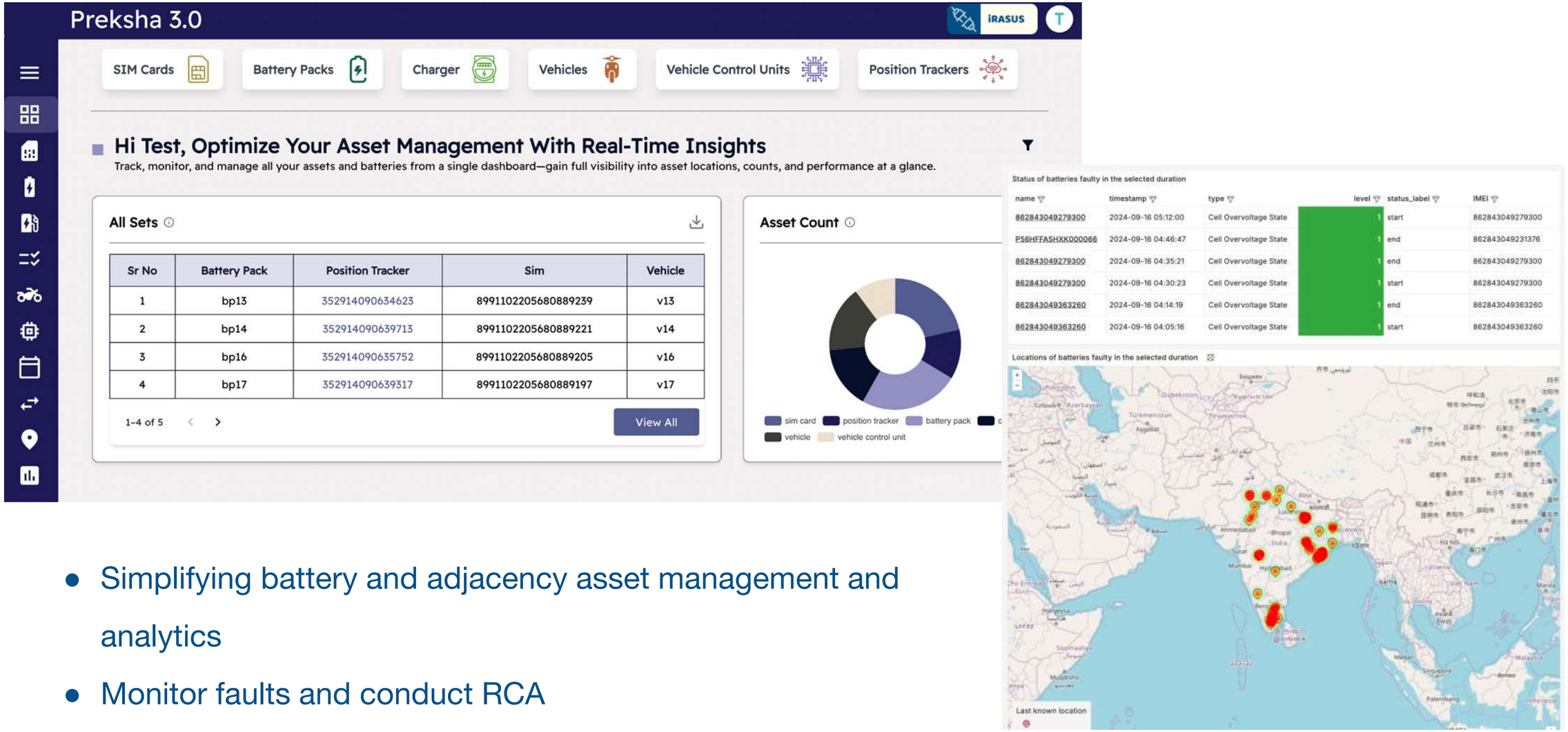
Introducing Preksha

Preksha is our SaaS offering that simplifies the process of working with batteries and their data.

Accessible via web and mobile, it allows you to be in control of your batteries, understand insights,

and to use those insights to safely and optimally conduct your operations.





- Simplifying battery and adjacency asset management and analytics
- Monitor faults and conduct RCA

- Real-Time insights into organisation-wide operations
- 1000+ indicators being monitored in real-time to generate your battery profile
- On the go RCA-aided exploration designed by battery system experts

Key Features - I

Battery Health Metrics

- Gain real-time insights into hundreds of battery metrics
- Proactively identify potential issues to prevent battery health degradation

Remote Diagnostics & Alerts

- Set and get instant notifications of faults and anomalies
- Prevent costly downtime and safety hazards

Location and Geofencing

- Monitor battery in real-time and establish virtual geofencing
- Ensure proper route planning and prevent unauthorized movement

Key Features - II

AI Models

- Build on top of cleaned data via our machine learning stack
- Predict remaining range, tag points of interests, estimate state of health and much more with our intelligent models

API Integration

- Integrate with existing fleet management systems
- Streamline workflows and facilitate data-driven decision-making

Reporting & Analytics

- Access insights into battery performance through real-time reports
- Make informed decisions across your operations

Clients and PoC's

JBM Group
Our milestones are touchstones

cKers finance

Amptek
Keeps it on

CARYAIRE™
Leadership Through Innovation

INVERTED

OKAYA
ELECTRIC VEHICLES

INDIGRID
TECHNOLOGY

LI-ON
LIFELONG BATTERY

Charge Dock

Essel Energy

Key Partnerships

MSME
MICRO, SMALL & MEDIUM ENTERPRISES
सूक्ष्म, लघु एवं मध्यम उद्यम
OUR STRENGTH • हमारी शक्ति
Ministry of MSME, Govt. of India

UNIDO
UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION

Government of India
#startupindia

Facility for Low Carbon Technology Deployment
FLCTD
Promoting Innovation and Deployment of Low Carbon Technologies

ATLANTA
Innovative IOT Solutions

iRasus

Get in Touch with us

arjun@irasus.com | +91 99207 19205

Desqworx, Club Patio, Block E, South City I, Gurugram, Haryana-122022