ONE unit

Every Unit Accounted

www.oneunit.in

Industrial challenges

Is my premise at optimum electricity consumption ?

Why is my Electricity Bill so high?

Do I have Unbalanced Load?

How is my Machine Health?

How do I save My Electricity?

How do I know my KVAH and KWH?

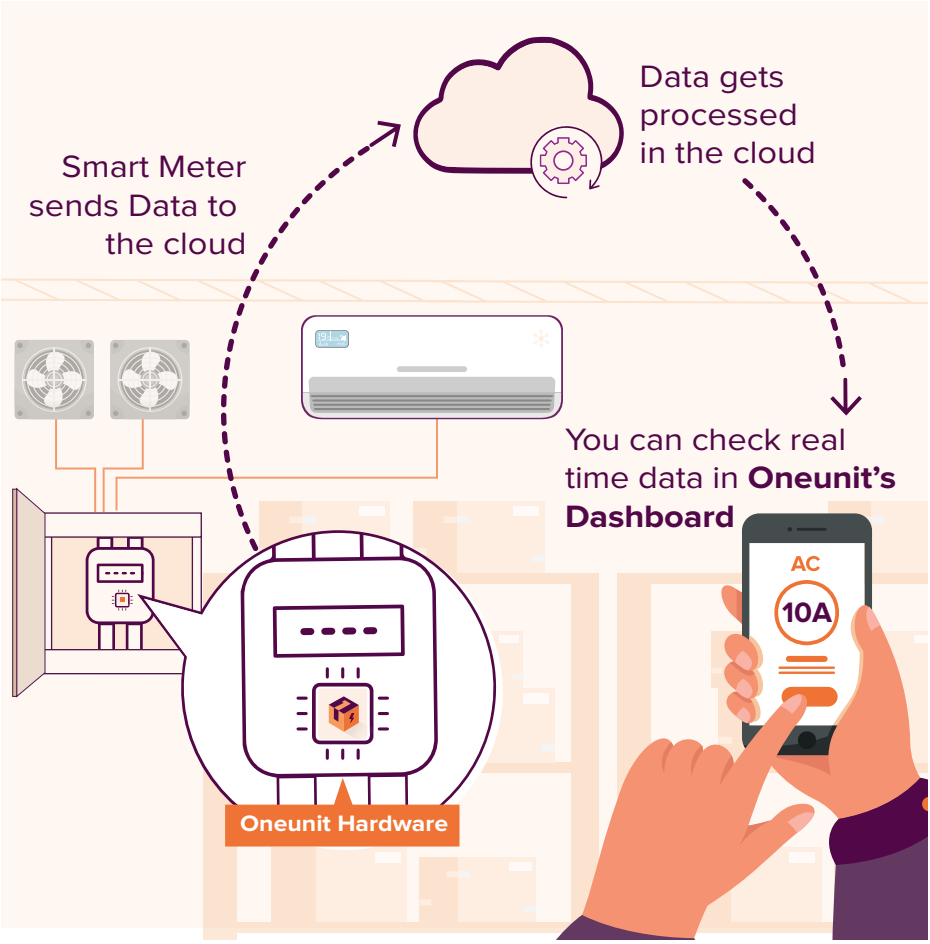
How do I Monitor my Electricity Data?

How do I avoid Power Factor Penalty and get Incentives?

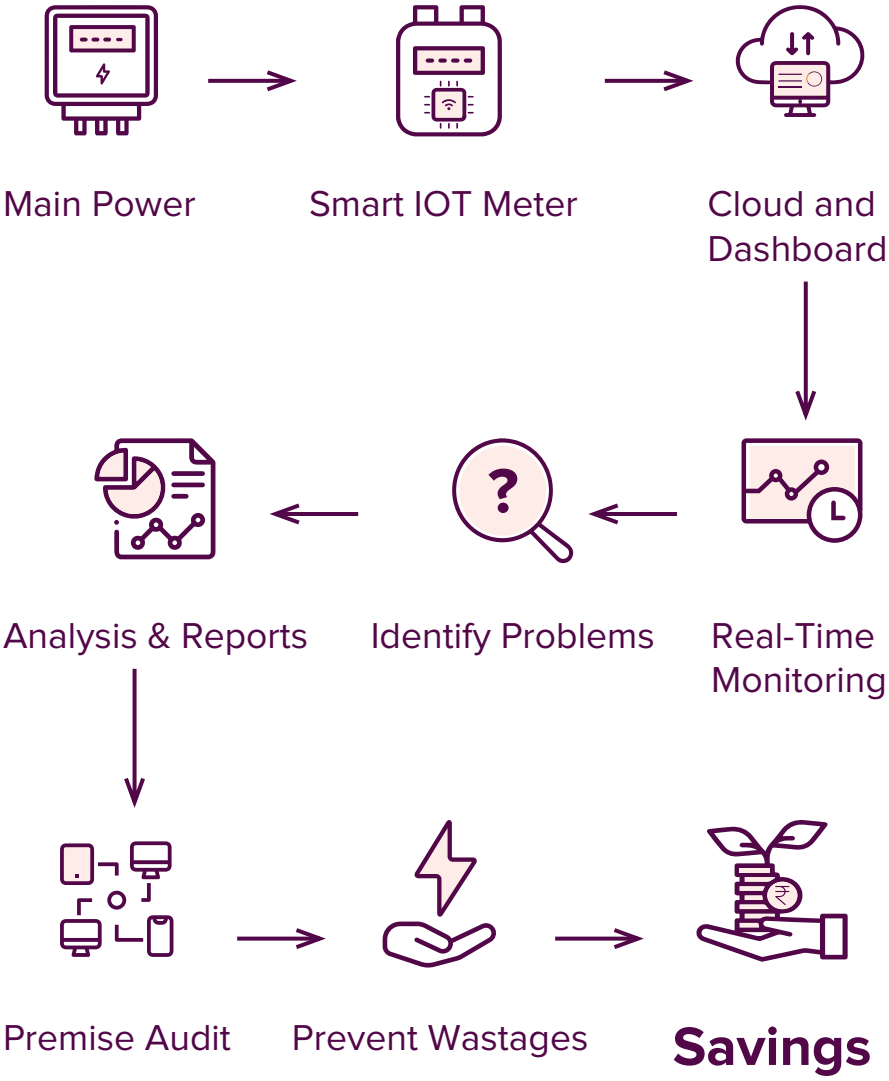
Where is my **Electricity** Wasted?

What is Oneunit?

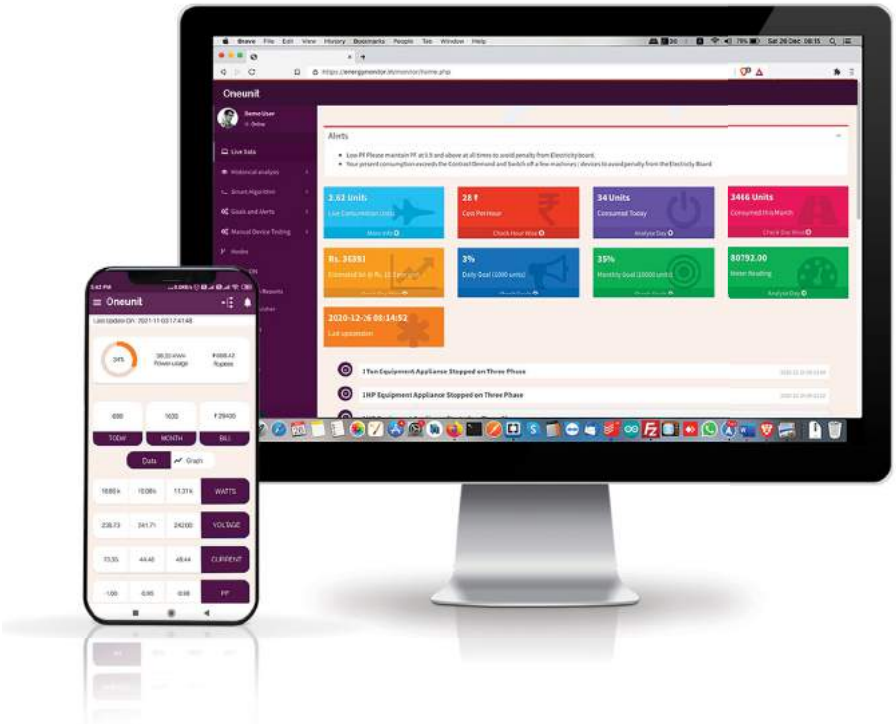
Oneunit sells IOT Hardware which **Prevents** Energy Wastage, **Monitors** Energy and **Audits energy** Consumption in Industrial and Commercial premises



How it works?


Main Power
Smart IOT Meter
Cloud and Dashboard
Real-Time Monitoring
Identify Problems
Analysis & Reports
Premise Audit
Prevent Wastages
Savings

Dashboard



- Available in Android, iOS and Web platforms.
- Real-Time Monitoring
- Information at your fingertips
- Remote Location Monitoring
- Ease of use

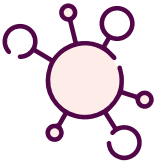
Features

1. Energy Audit:

Electricity Consumption of each and every machine and audit of the premise.

2. Analysis:

Highly qualified and dedicated professionals to do analysis on historical data.



3. Smart Algorithm:

Electronic Device Recognition based on smart algorithm and Capture Device Signature.

4. Machine Health:

Know Over Consuming Machines at the click of a button.

Features

5. Alerts:

Flag any faults in real time and indicate what energy-saving measures will solve the problem.

6. Production:

Improves production by tracking it with consumption pattern and lowering the breakdown time. Dedicated hardware for machine to note the production count.

7. Real-Time Data:

Real-time information at your fingertips. Continuously monitor the consumption trends like Watts, Current, Voltage, Power Factors, etc.

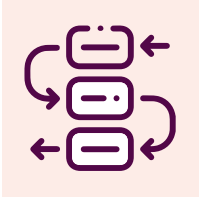
Benefits

Save Money and Time:

Saves time by analysis, identifi cation and helping to take proper action.

Know Wastage:

Identify Energy Wastage and its time, cause and effects, by comparing them with standard requirements of energy consumption.



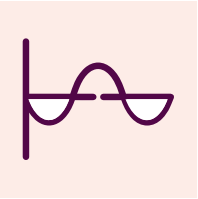
Action Plan:

Get an Action-plan prepared according to consumption pattern to avoid future losses.

Whats On:

See and know what's on, appliance start, stop, its ON duration, consumption and cost.

Benefits



Maintain Power Factor:

Efficiently maintain the power factor.
Negative and low power factor detection.

Maintain Contract Demand:

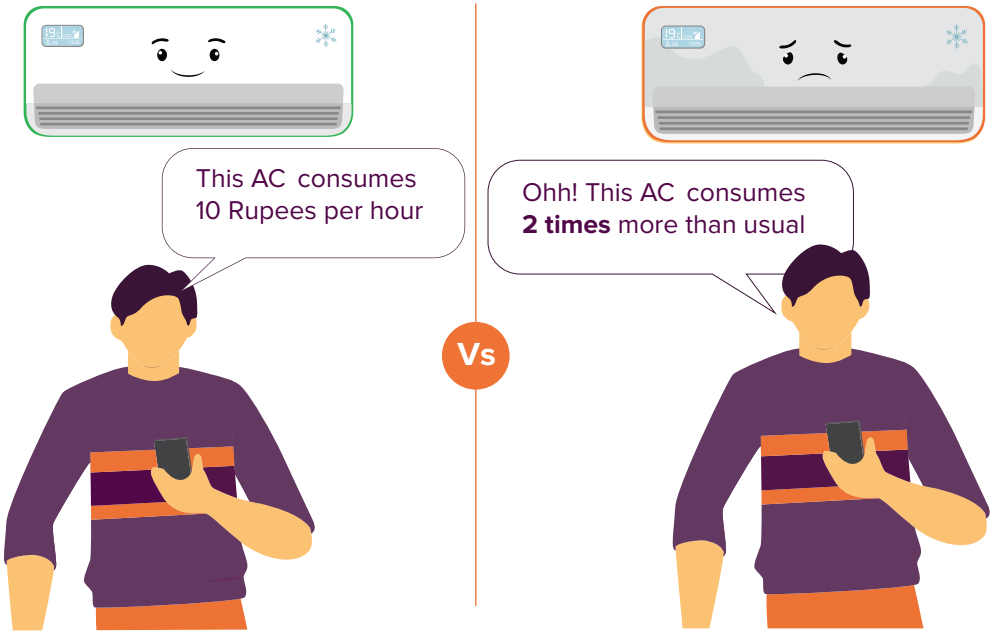
Identify overload, exceed contract demand, any phase down, etc.

Human Monitoring:

Can be used to track people with the Consumption Trend.

Addressing your painpoints

1. KNOW OVER CONSUMING DEVICES

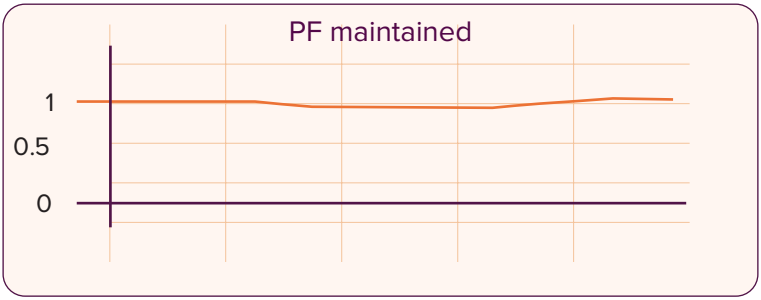


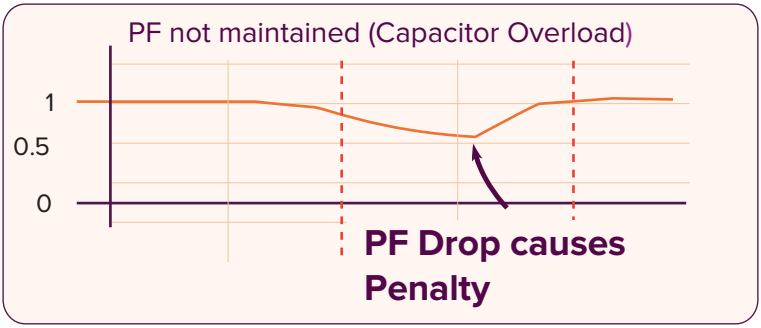
Oneunit Solution ›

Know the exact consumption of each and every device, identify and get alerts for over consuming devices

Addressing your painpoints

2. PF DROP / FAULTY CAPACITOR



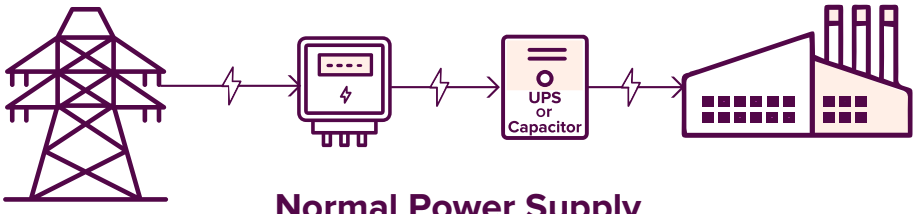


Oneunit Solution ›

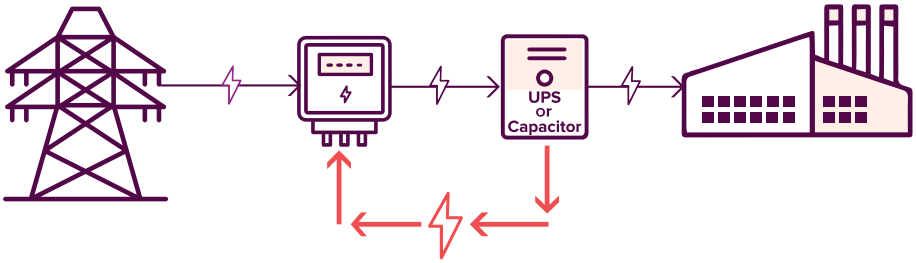
Oneunit makes sure your PF is always maintained, gives Real time PF alerts and identifies damaged / faulty Capacitor. Now, gain incentives instead of penalties.

Addressing your painpoints

3. REVERSE SUPPLY



Normal Power Supply



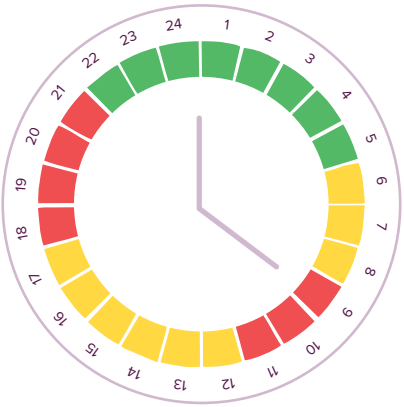
Reverse Power Supply

Oneunit Solution ›

Oneunit can detect any Reverse Supply in real time and save on power wastage.

Addressing your painpoints

4. TIME OF DAY (TOD)



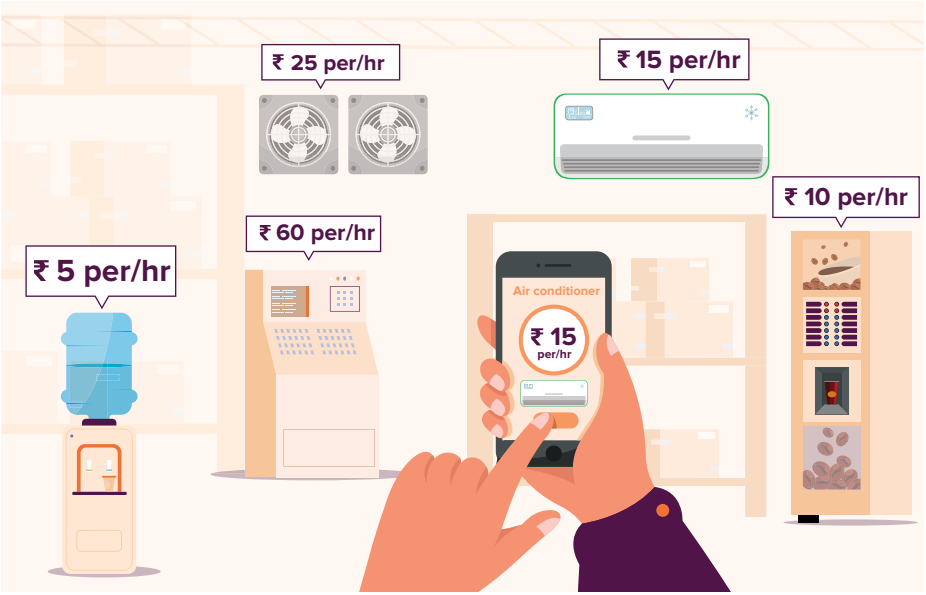
Peak	Time of day	Units	Unit Rate (in rupees)	Money spent per hr (in rupees)
Peak	09:00 - 12:00	100	15.8	1580 ↑ High
Normal	12:00 - 18:00	100	15	1500 — Normal
High Peak	18:00 - 22:00	100	16.5	1650 ↑ High
Non Peak	22:00 - 06:00	100	13.5	1350 ↓ Low
Normal	06:00 - 09:00	100	15	1500 — Normal

Oneunit Solution ›

Peak hours are charged more and **Oneunit** gives you action plan for optimum operational hours for maximum savings.

Addressing your painpoints

5. KNOW YOUR MACHINE HEALTH

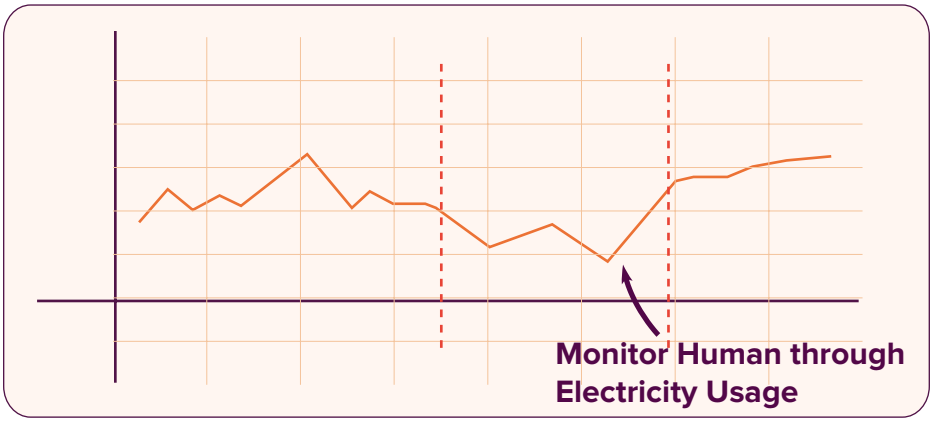


Oneunit Solution ›

Oneunit gives you detailed Energy Audit report. Now, at the click of a button, Oneunit app can show you the Real-Time Health of the Machine. Predict Machine Damage beforehand and take action to save Machine from Deterioration.

Addressing your painpoints

6. HUMAN MONITORING

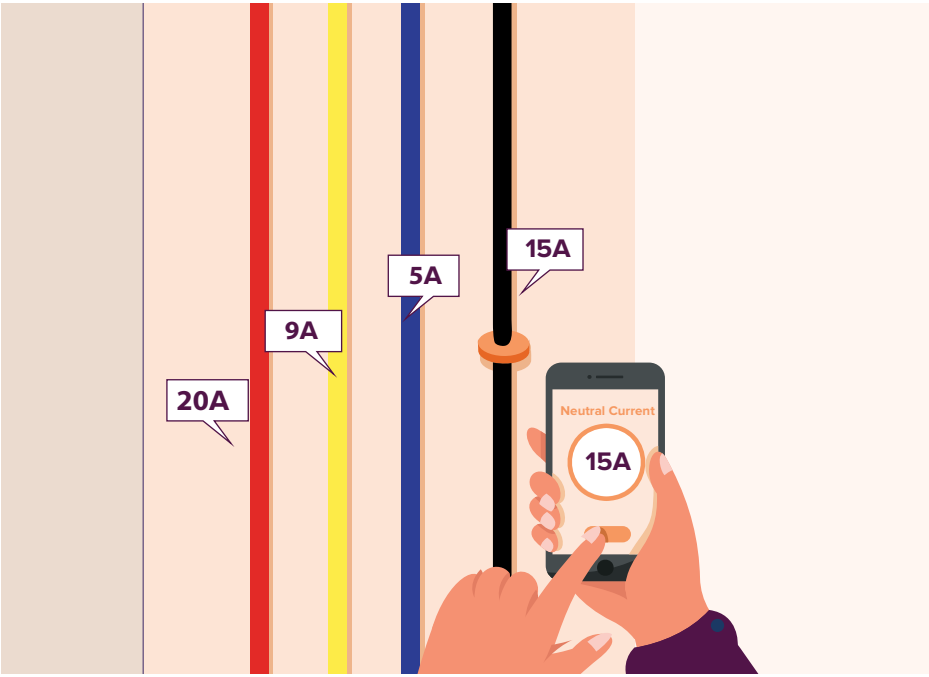


Oneunit Solution ›

With **Oneunit,** Reduce Production loss by human monitoring based on Electrical data.

Addressing your painpoints

7. UNBALANCED LOAD



Oneunit Solution ›

Oneunit identifies neutral current wastage due to unbalanced load.

Types of Industries that we serve

- Packaging
- Manufacturing
- Production
- Coworking
- Corporates Office Spaces
- Amusement Parks and Water Parks
- Financial (Banks, Data Centers, ATMs, etc.)
- Fabrication
- Assembly Line
- Warehouses
- Cement / Concrete
- Crushers
- Pharmaceuticals Industry
- Chemical Factories
- Dairy Industry
- Telecom Sector
- Petroleum Sector
- Breweries / Soft Drinks
- Bottled Water Plants
- Packaged Food Industry
- Automobile Manufacturers
- Aviation Industry
- Hospitals
- Mining Industry
- Oil and Natural Gas
- Textile Industry
- Agriculture
- Construction
- Cosmetics
- Film Industry
- DG Manufacturers
- Cold Storages
- Paints
- Hotels
- Paper
- Plastic
- Printing
- Rubber
- Sugar
- Tea
- Vineyards
- Tobacco
- Ship building
- Aeronautical Sector
- Semiconductor
- Panel Board Manufacturers
- Electrical Wiring Companies
- Nuclear Plants

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ONE unit

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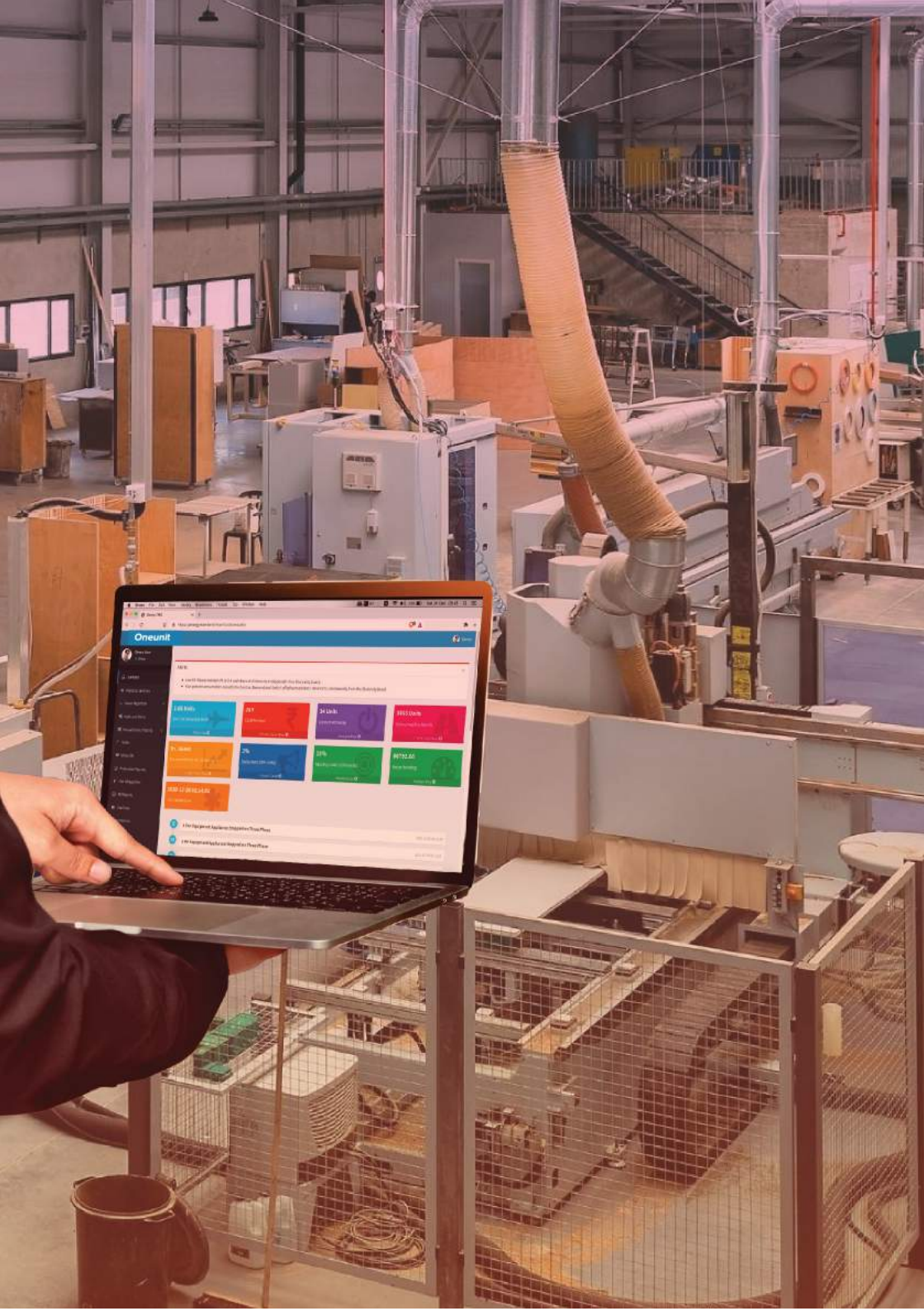
Thank You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