

Metx

Meter exchange, completely managed - planning to billing

Federal Synergies (India) Private Limited

Federal Synergies (India) Private Limited – Company Snapshot

The Group was established in 1998 with the primary aim of meeting municipal and power utility customer requirements. FSIPL is currently engaged in providing specific customized Engineering Solutions along with supply of Cables, DWC Pipes, Jointing Kits to various Utility customers.

Metx was born in Mid 2016 with bootstrapped funds to offer organised meter installation/ replacement services.

- Headquartered in Kolkata
- A decade of experience in working with Utilities
- Active Player in the “Metering” Sector – Water and Power ever since
- Proven on-field deployment with fabulous track record with existing customers
- Broadest ecosystem of 100+ Players – Manufacturers, Utilities+, Who’s Who

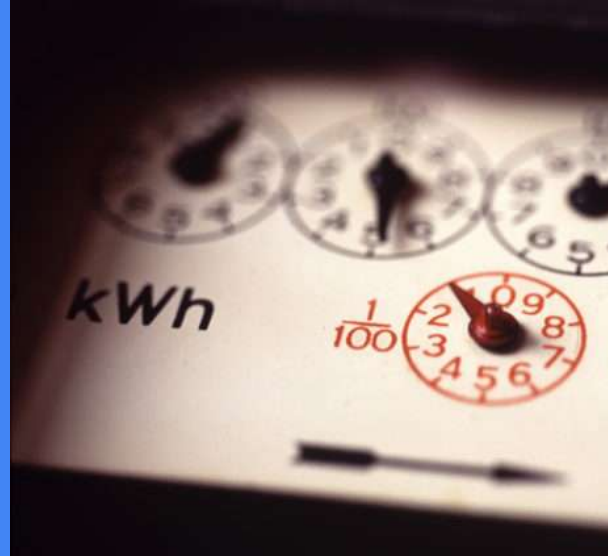
Team behind Metx



Metering as a technology

As commercial use of electric energy spread in the 1880s, it became increasingly important that an electric energy meter, was required to properly bill customers, instead of billing for a fixed number of lamps per month. Similarly for water and gas, metering became an important aspect.

Now, over numerous decades after, Metering has evolved and promises to deliver much more than just reading.



Meter deployment as a technology

Utilities focused on the meter,
but what happened to how to
deploy?

Manpower centric processes based
on contractors and subcontractors
with long hours of reconciliation

From 1880s to 2018 the process
remained the same

Something is wrong here

Conventional method of deployment

1. Manual process with most utilities still relying on age old method of paper documentation which needs to be filled up
2. Long and arduous with innumerable manual mistakes
3. Loss of seals and Meters and no inventory of new Meters and off circuit Meters
4. Meters installed but not updated in the Utility System – Leading to creation of the “Ghost Meter”
5. Utility’s mass investment on new technology of meters also goes waste as it is not deployed at customers on time on the field
6. Projects delay over months; no estimation possible on completion deadline

What do we
propose?

Metx – revolutionizing the process

Utility

1. All data such as billing data, consumer details, time of replacement, GPS coordinates, installer details etc captured on real time basis
2. Real time inventory management of new Meters, seals etc and off circuit Meters
3. Paperless, hassle free, smooth
4. Analytics on installation strength, execution timelines, projections possible
5. Any consumer complaints or disputes can be resolved immediately with respect to removal reading

Contractor

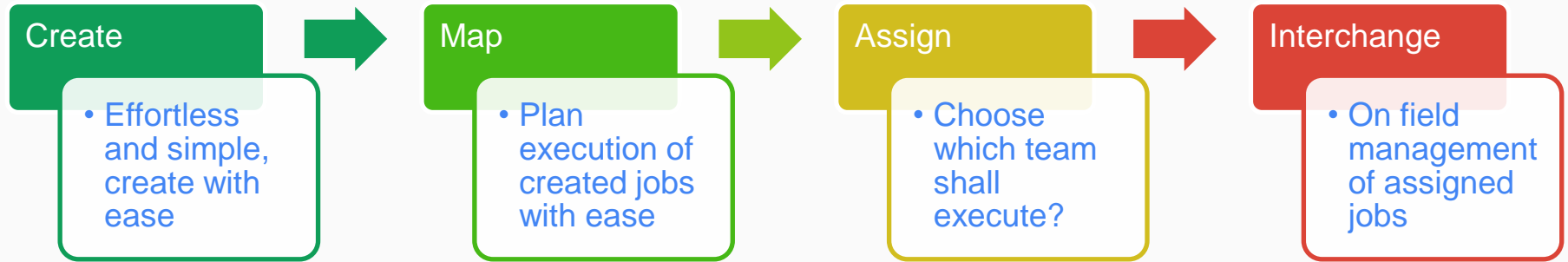
1. Smooth installation with management of Meter installation work force
2. Analyse strength and efficiency of each manpower involved, measure productivity, leaving no scope of manpower wastage
3. Paperless reconciliation with utility on real time basis
4. Data integration to utility through Metx software
5. Data audit at back end ensures almost negligible mistakes at field

Key Roles taken care of by Metx

Meet our mascots - Chiru, Hiru, Miru and many more!

Job Manager

Peacock Miru always on the lookout to track jobs



24/7 Foreman – Unique Identification to each worker

Tiger Chiru always standing guard to ensure all teams keep working

Administrator

Create &
Managing
Jobs

Vetting Data

Field Supervisor

Assign Jobs

Interchange
Jobs

Electrician

Executing Jobs

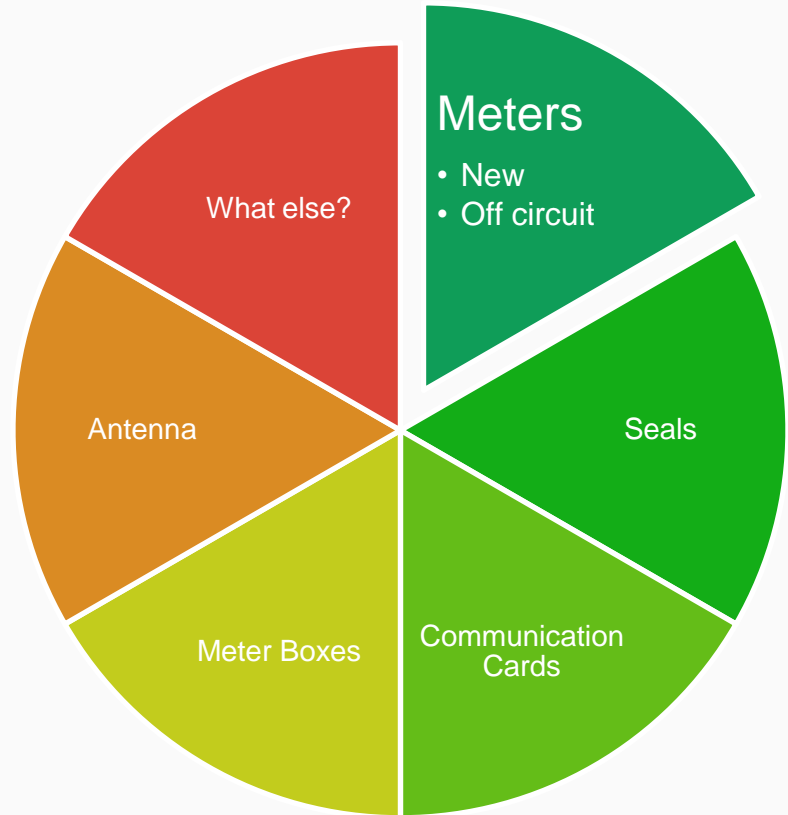
Record data at premises

Inventory Manager

Elephant Hiru stands guard all the time to ensure inventory is tracked

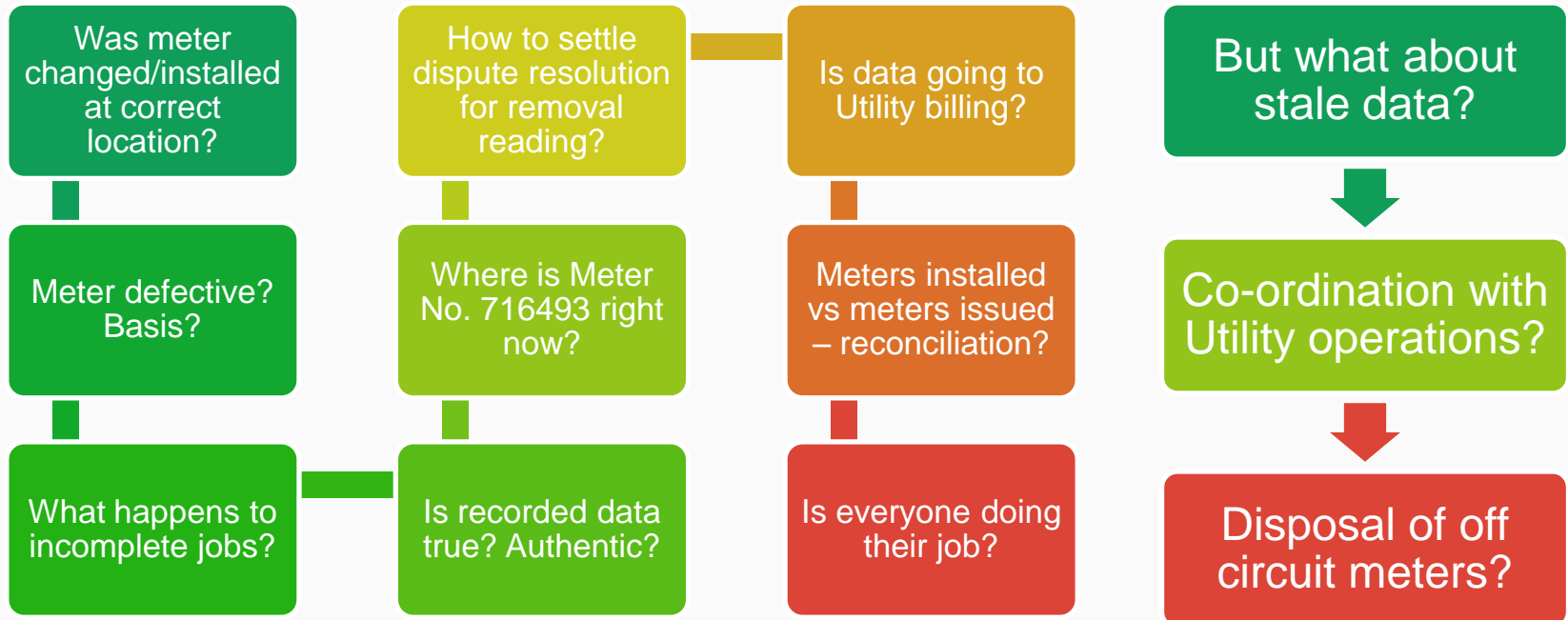
Real time inventory managed for
“X” Items in
“Y” Locations with
the strength of
Hiru!

Know what is where



Data Vetting & Compliance Officer

Jasoos Cobra knows all about processes and ensures compliance



Metx offerings

1. Software on SaaS basis
2. Unlimited usage license
3. Real Time Manpower deployment and Inventory Management along with METX as a turnkey solution
4. Customised Solution as per Utility Requirement



Federal Synergies (India) Private Limited

Your Turnkey
Smart Metering Partner

Our Offerings:

- Understanding the Utility's requirement and delivering the most valuable solution accordingly
- From Meter Specifications, communications technology selection, understanding operational requirements, designing to deploying, and after maintenance of all assets – Meters, Communication equipment, IT Hardware, Integration with Utility Software etc

Some of our Projects – In Execution

CESC Ltd, Kolkata – Ordered on April 2016

Turnkey execution of Solution Design, Supply, and Maintenance of 25,000 Smart Meters in Tiljala, Topsia and Jodhpur Park in Kolkata along with all back-end integration with Utility

Kota Electricity Distribution Limited, A subsidiary of CESC Ltd. – Ordered on December 2016 & September 2017

Turnkey execution of 2,56,000 Smart Meters Installation, Workforce Management, Inventory Management along with Network Installation and upkeep for Kota City and Bharatpur City in Rajasthan

Our first customer – Kota Electricity Distribution Ltd

Despite FSIPL experience & success in installation of large quantity of water meters in different parts of India, on behalf of the local municipal authorities, FSIPL were essentially a newcomer to the electricity meter installation programme.

However, FSIPL not only bagged the order for the smart meter installation work at Rajasthan, but also, with the zeal to make it happen, the team had developed a contemporary tab based "Field Force Automation" tool - METX, right from scratch, that was fully integrated with our own & the utility back end to capture & transfer meter replacement related particulars from the job sites, through error free system, seamlessly.

Thus, this end-to-end integrated system helped FSIPL competent technicians to send vital information in the fastest possible manner from the job sites, with hardly any slip, for updating the Utility system.

This in turn helped the utility achieve quality delivery for such a mass smart meter roll out programme, efficiently & effectively, overcoming the challenges at site.

While anyone can paint, it takes an artist to
create a masterpiece



Thank You for your time
Prayush Poddar | M+919874042345 | prayush.poddar@federalsynergies.com