- Give accurate Bills
- No need to Submit meter readings anymore
- Move house with less hassle
- Know about your most energy consumed appliances

2019-24

Ireland Plan

To Implement Smart meter in every house

250K

ESB

Is going to deploy alone

1B

Project Cost

The total predicted cost

Mr. Panda
26 Years Old
Lives in UK
Blockchain Developer
Traveller

Incidents

Employee Hacks and Shuts Down Smart Water Meters in Five US Cities

In late 2015 and again in 2016, Russian hackers shut down parts of Ukraine's power grid

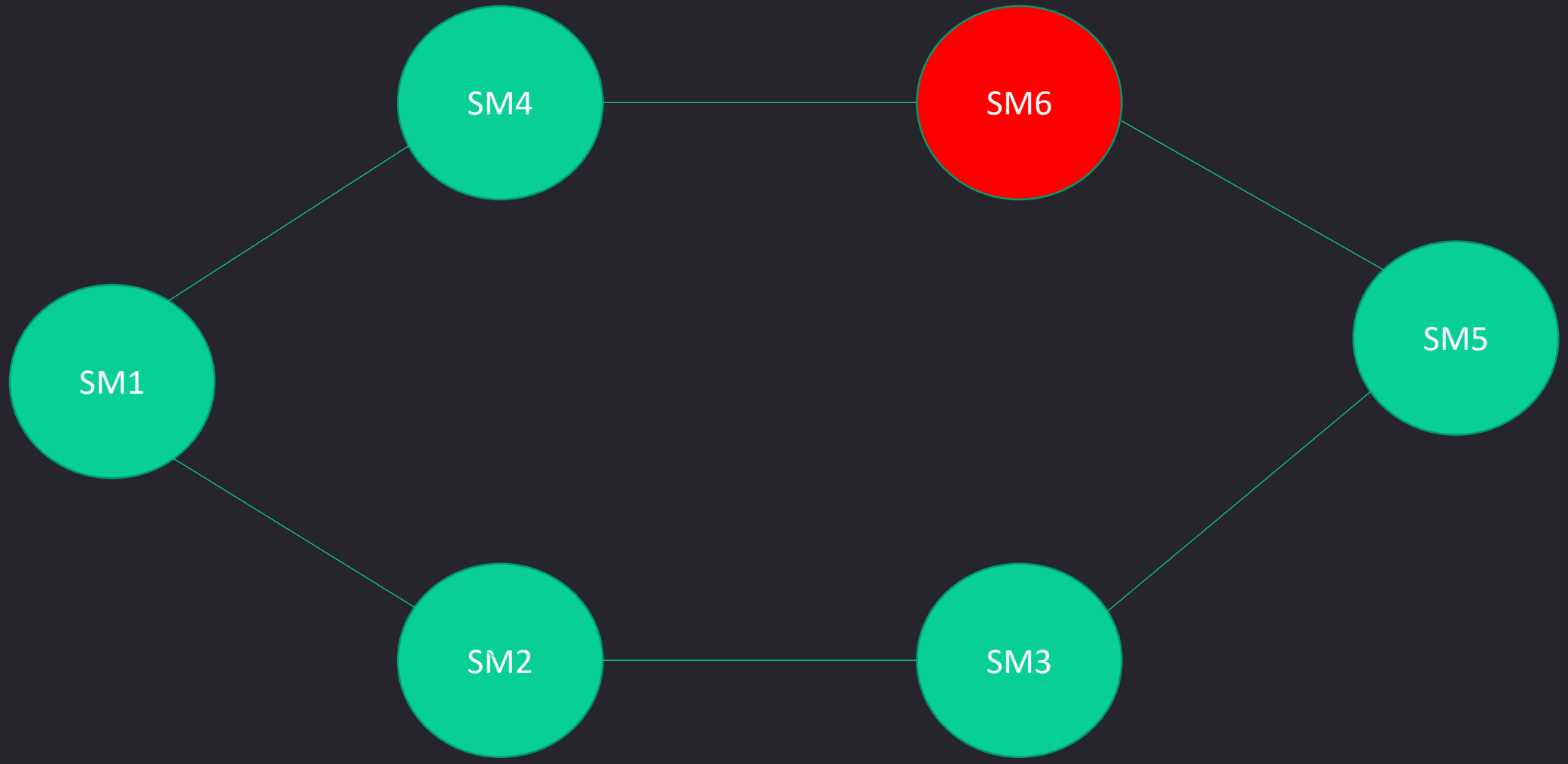
In 2009, in Puerto Rico, bill fraudsters were able to exploit similar security holes to snatch US$400m.

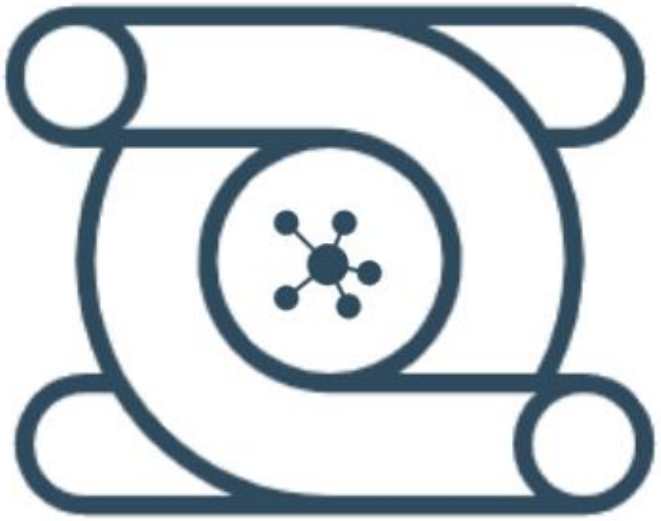
“

How to prevent smart meters from getting tampered?

”

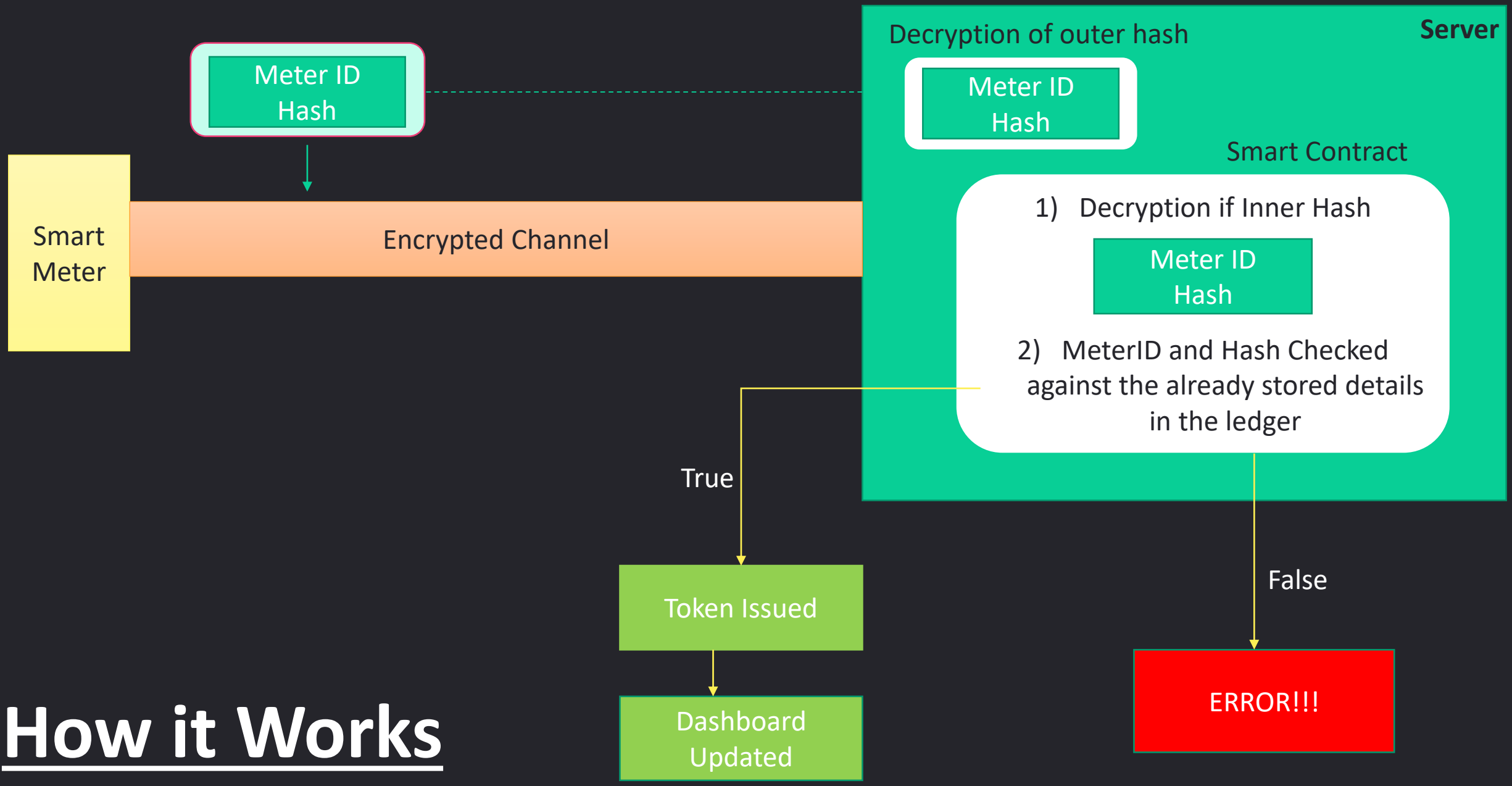
Problem





AetherChain

Smart security solution for Smart meters


Meter ID Hash
Smart Meter
Encrypted Channel
Decryption of outer hash
Server
Meter ID Hash
Smart Contract
1) Decryption if Inner Hash
Meter ID Hash
2) MeterID and Hash Checked against the already stored details in the ledger
True
False
Token Issued
Dashboard Updated
ERROR!!!

How it Works

Features

01 END TO END SECURITY

02 USER IDENTITY PROTECTION

03 DISTRIBUTED MANAGEMENT SYSTEM (DEMAND & SUPPLY)

04 IMPROVED TRANSPARENCY - OWNERSHIP AND CONTROL

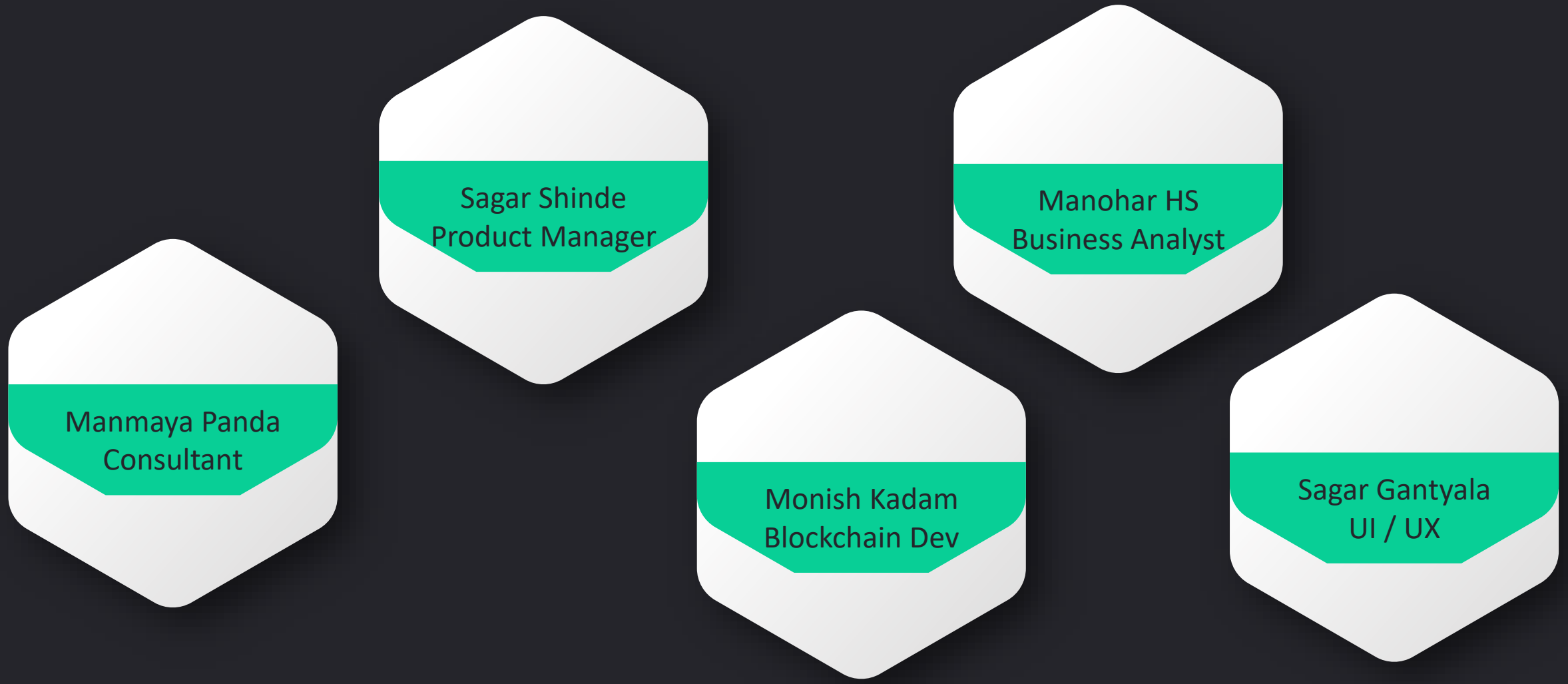
05 SCALABLE

Target Market

- Energia
- Electric Ireland ESB
- BEenergy
- Board Gais Energy
- Prepay Power

Projected Timeline

THANK YOU!

Please watch our product Demo

AetherChain Team