

The obstacles of implementing Smart Metering

The challenges of IoT in Utility

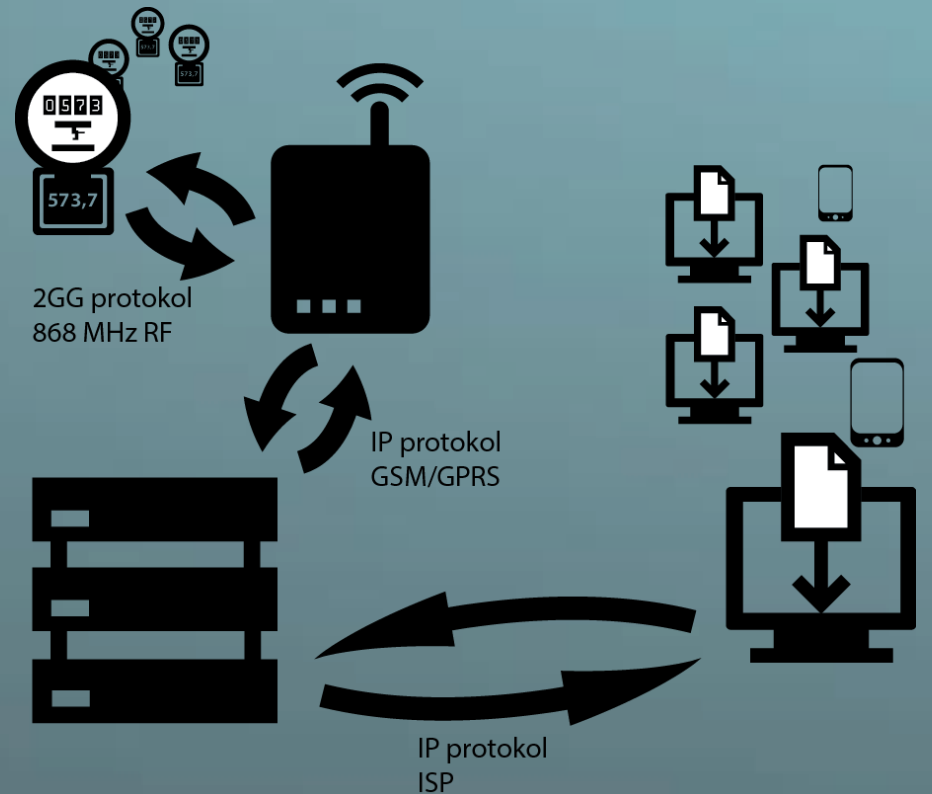
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UTILITY PROVIDERS HAVE TO DECIDE BETWEEN

- a) manual meter reading
- b) semi-automatic systems (handheld devices)
- c) full automatic data gathering



BETTER,
FASTER
BILLING

ADVANCED
ANALYTICS

LEAK
PREVENTION

Smart Metering

REAL-TIME
DATA

NETWORK
OPTIMIZATION

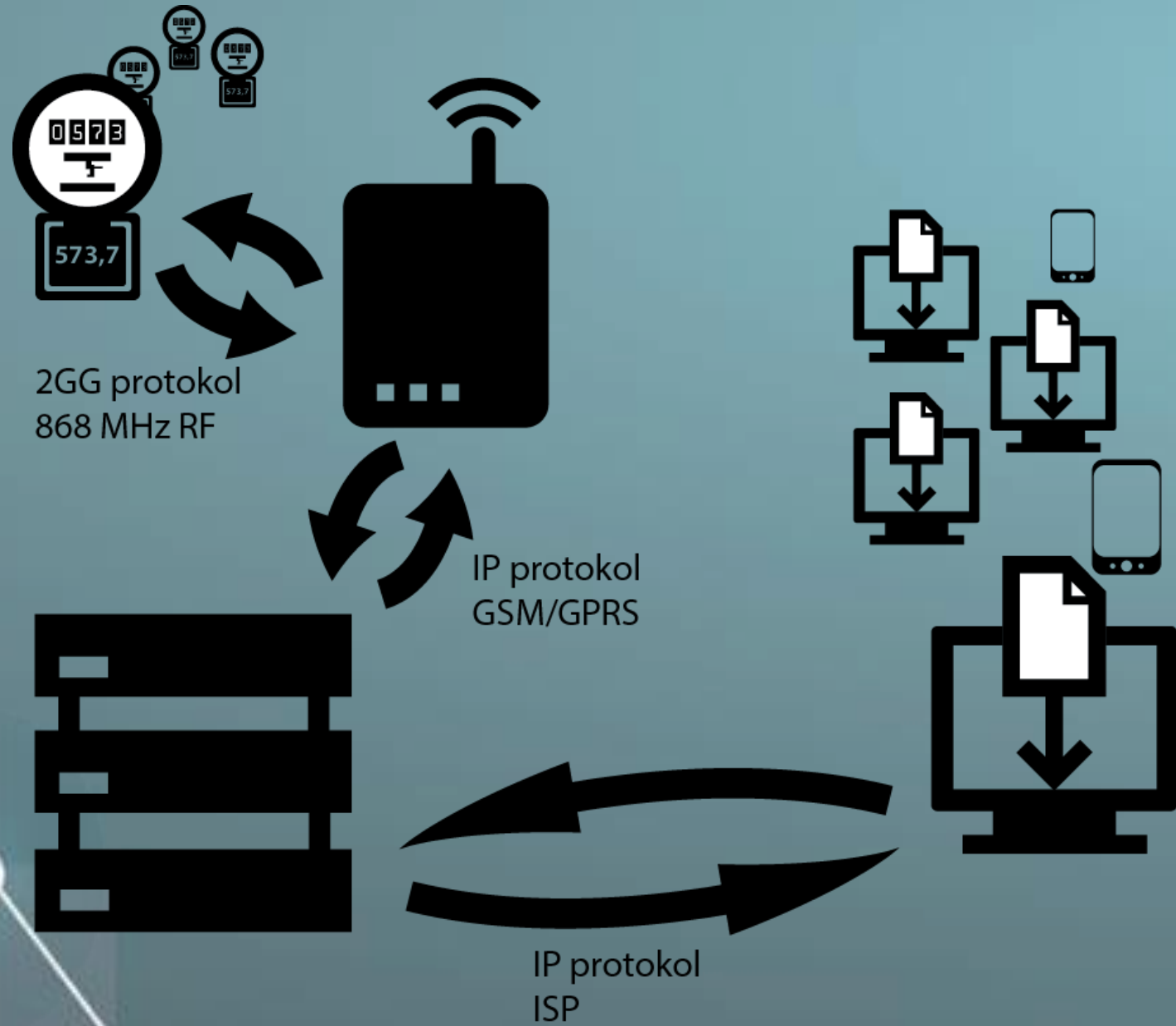


WHY IS THE IMPLEMENTATION OF »SMART« SYSTEMS SO SLOW, EXCEPT FOR ELECTRICITY?

- High costs
- Different communication protocols- *M-bus, Zigbee, LoRa, DLMS etc.*
- *Different communication paths- RF 433MHz, 868 MHz, GSM, 2,4GHz etc.*
- Large investments in infrastructure and IT
- Regulatory restrictions
- Human resources- training, new employees



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OUR PHILOSOPHY



SMART METERING AS A SERVICE



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Thank you!