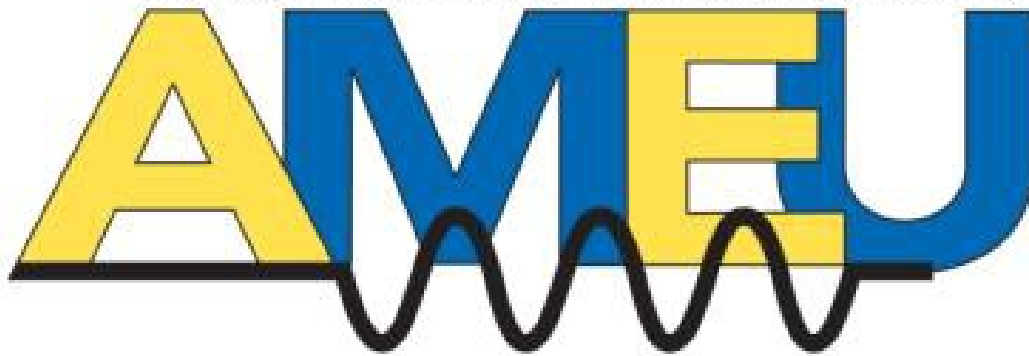


LEADING THE ELECTRICITY DISTRIBUTION INDUSTRY



THE ADVANTAGES OF UTILISING VENDOR INDEPENDENT AUTOMATED METER READING SYSTEMS

Presenter: Gerard van der Merwe

Powertech **IST**
otokon

- **Introduction**
- **Overview of AMR Systems**
- **Vendor Independence**
- **Advantages to Municipalities and their customers**
- **What does the future hold**
- **Conclusion**

Introduction

Buzz phrases:

Revenue protection, timely availability of data

Evaluate and test:

- Method of obtaining data
- Availability of data
- Compatibility with previous asset investments

Overview of AMR Systems

Automated Meter Reading System Overview

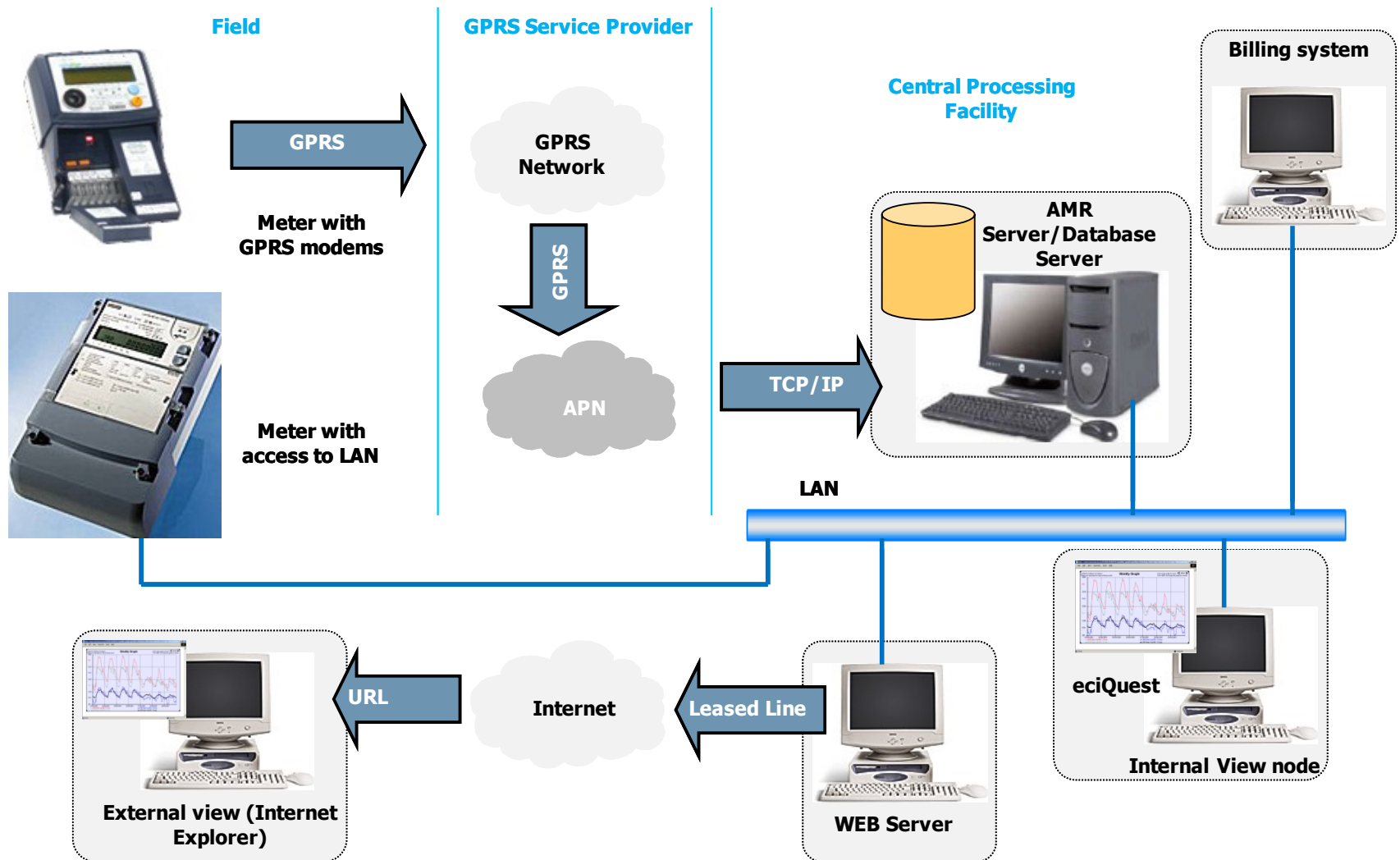


Figure 1

Vendor Independence

Meter independent – communicate to different brands of meters.

Why vendor independence?

Previous financial investments.

Supply Chain processes

Technological advances – Smart metering.



Advantages to Municipalities and their customers

Revenue stream – 80/20 on industrial and commercial.

LPU's – bill-on-the-web.

Expanding to lower levels.

Access to data:

Energy conservation with possible incentives.

Energy balances.

Quality of supply.

What does the future hold

One front-end that – depending on the user – **shows all relevant data**, retrieved from multiple data sources?

Billing data

On demand reads

Asset management

Outage management

MDUS – meter data unification system.

Conclusion

Vendor independent Automated Meter Reading Software should make a lot of sense within the municipal arena.