Celtic-Plus Event
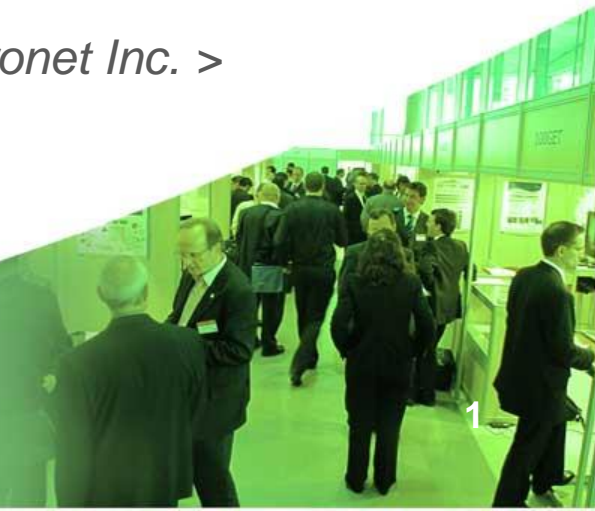28 April 2015, Vienna

7-minute Pitch of the Project Proposal
INFRASTRUCTURE ASSET MANAGEMENT FOR DIGITAL BROADCASTING

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<Poster number (if applicable)>

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Organisation Profile

ELEKTRONET has been providing end-to-end, turn-key technology solutions and products for the banking and finance industry, SMEs and state institutions with a 20 year experience in the information and communication technology sector.

• The world's leading techonology companies are amongst ELEKTRONET's many solution providers and partners. ELEKTRONET is able to provide customer oriented technological solutions and products on a multi- level approach which appeals to a wide range of corporate customers.

• ELEKTRONET provides 24/7 on/off site technical support, consultancy, design, engineering, manufacturing, sales and after sales support, installation, technical training and contract outsourcing services with its specialized and certified technical staff.

Proposal Introduction (1)

Digital broadcasting is the practice of using digital data rather than analogue waveforms for broadcasting over radio frequency bands. It is becoming increasingly popular as digital television (especially satellite television but is having a slower adoption rate for radio where it is mainly used in satellite radio.

The transition to digital broadcasting from analogue broadcasting requires a substantial investment in HW and SW infrastructure.   However, the digital broadcasting infrastructure is not based on a holistic system which allows the industry to manage and monitor its infrastructure based on *a continuous integrated management tool and a platform*

This proposal aims to address the demands of the telecommunications industry regarding the establishment of DB infrastructure implementing a *multivendor software platform.*

Proposal Introduction (2)

The proposal is objected to provide important improvements on current digital broadcasting system of Turkey as described the following bullets;

- *Creation and Implementation of National DB Infrastructure Standards*
- *Efficient transition to digital broadcasting*
- *Management and Monitoring of the national DB Infrastructure*
- *HW and SW co-design*
- *Continuous of the requirement management and tool chains*
- *Resource Planning and Allocation for the national DB Infrastructure*

Asset Management System

CAPABILITIES

- ✓ **Real Time Monitoring-Trouble Shooting**
- ✓ **Billing Verification**
- ✓ **Signaling Traffic Accounting**
- ✓ **Defining Network and connected Devices**
- ✓ **Detecting abnormal events**

in network system

BENEFITS

- ✓ **Prevents and identifies**
- ✓ **Network failures**
- ✓ **Network trouble shoouting**
- ✓ **Trend Analysis, planning and**
- ✓ **QoS (quality of services)**
- ✓ **High performance of network**

Devices in real time process

- ✓ **Management and orchestration**

of all related digital broadcasting elements

RELATED DEPARTMENTS

- ✓ **Operations- Maintenance**
- ✓ **Planning**
- ✓ **QoS**
- ✓ **Marketing**
- ✓ **Security and Billing**

Partners

- *Telecom Operators*
- *DB Infrastructure Service Providers*
- *Broadcasting Public Authorities*
- *Broadcasting HW and SW manufacturers*
- *Broadcasting System Operators*

Contact Info

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