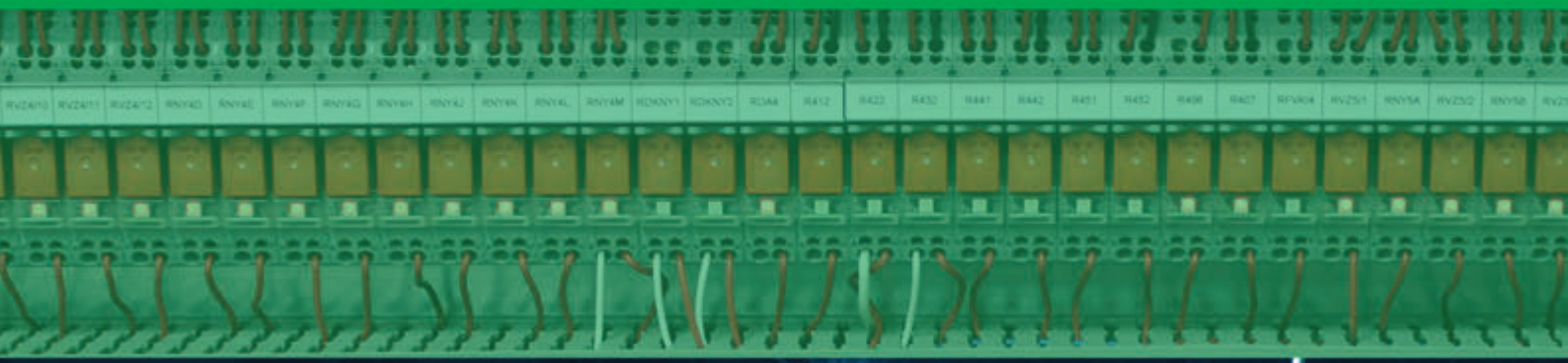
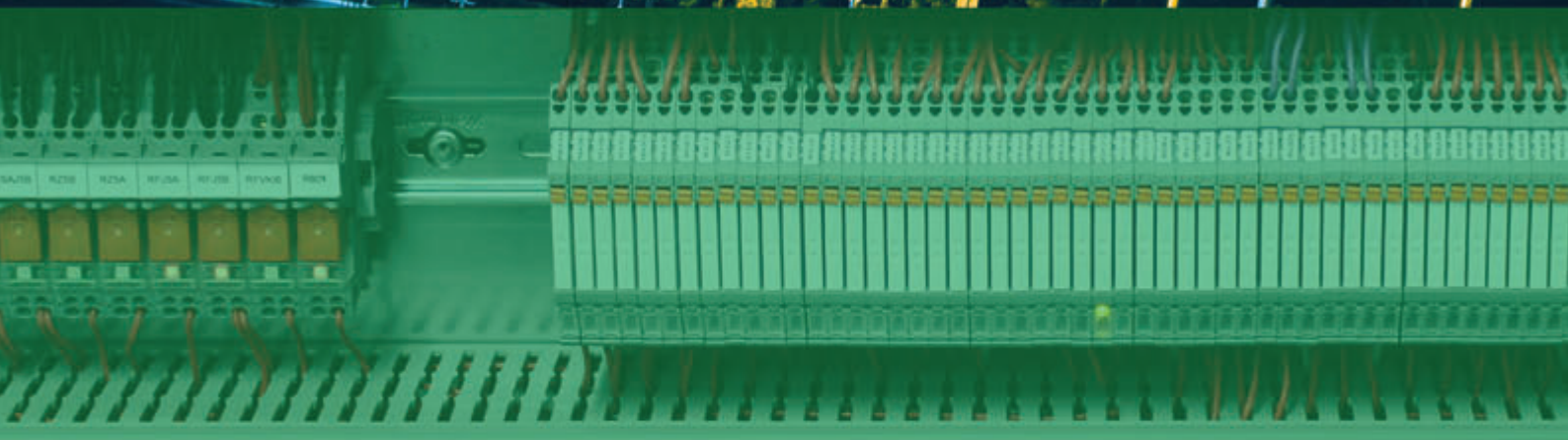
PROLAN

TRADITIONALLY INNOVATIVE





ENERGY MANAGEMENT

SMART DEVICES

STEUERBOX

For switching tariff and power. Developed for the German market according to standards of FNN and ImSys.

C-RTU

Comprehensive data collection and processing device. Versatile application, such as low voltage monitoring.

RCR

Radio and audio ripple frequency control receivers with 1-6 relays.

SXD-AMR

Automatic meter reading device.

ECLIPSE SMART CITY SYSTEM

Monitoring and management of street lighting even by luminaries respectively, base infrastructure for **Smart Cities**.

Lamp controller

Public Lighting Control

ProEVC

Quick and safe charing solution both for country wide networks (OCPP) and individual installations.

SOLARTREE

Innovative solution for parking places with shade and lighting.

CONTROL CENTERS

RAILWAY AUTOMATION

PEMG
Data Handling System

ON-BOARD COMPUTER
Colleacting and transmitting all operational data of the locomotive, basic device of the overall asset and resource management.

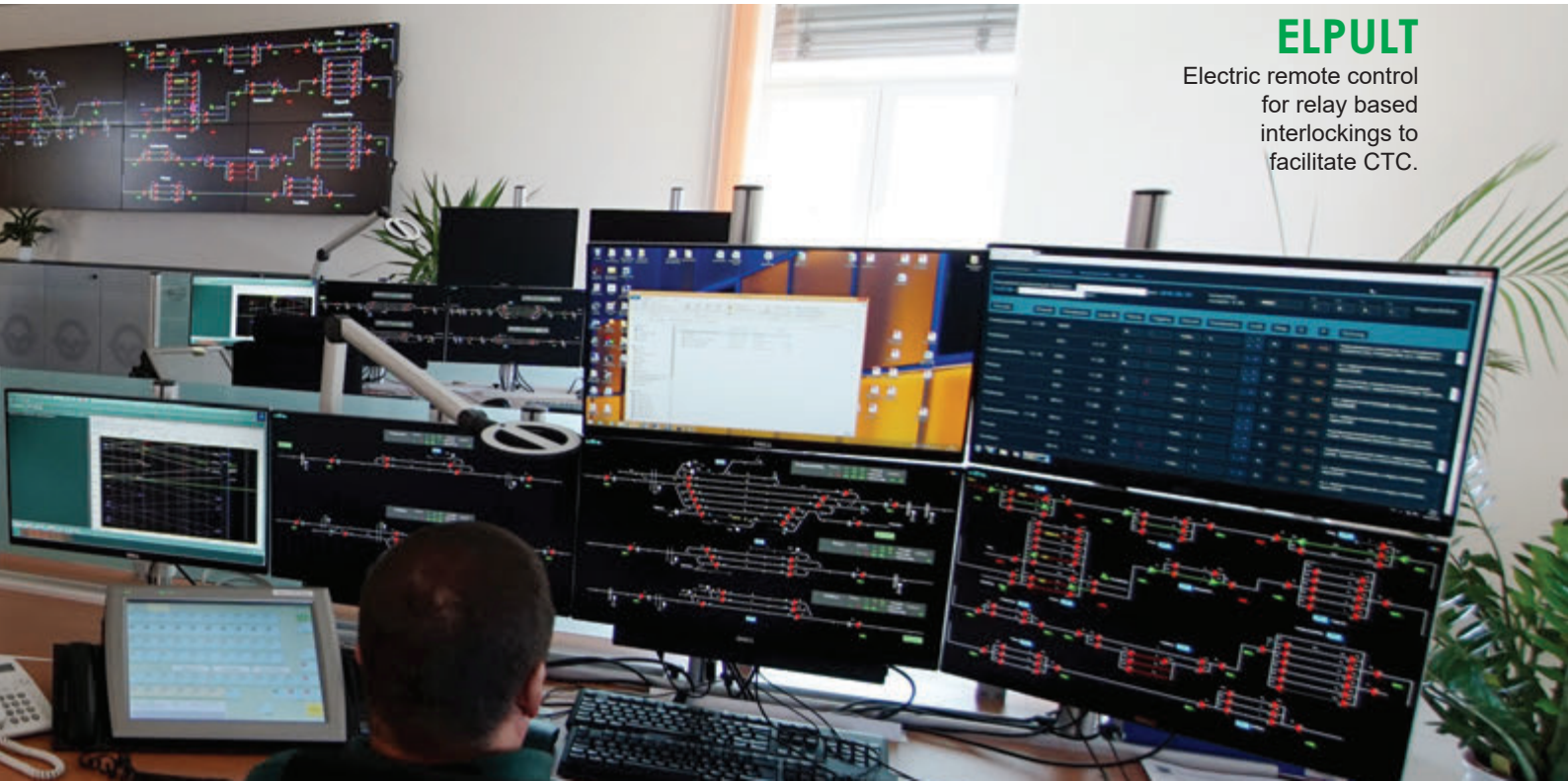
PASSENGER INFORMATION SYSTEM

SWITCH POINT HEATING

STATION LIGHTING

FET
Catenary Management System

PRORIS
Interlocking system product family



ELPULT
Electric remote control for relay based interlockings to facilitate CTC.

Prolan was founded by 14 engineers in 1990, by now we became a company that employs more than 230 people. The process control devices developed and manufactured by us are used by numerous public utility companies and national railway companies.

Traditionally we offer our proprietary remote terminal units (RTU) for substations and dispatching center (SCADA) solutions for the electrical industry (operators of transmission and distribution networks: DSOs and TSOs). These two fields operate as independent subsidiaries today.

Based on experiences in the electrical industry a catenary management system (FET) was developed for the railway industry.

After several years of development we facilitated the electronic remote control for relay interlocking systems, and introduced our central traffic control (CTC) and monitoring system along with it's subsystems (switch point heating, train sensors, passenger information system, station lighting, etc.). Our further development is the locomotive on-board computer (OBC). This covers all locomotives and trains in Hungary by now, and is considered to be a basic equipment for the operation of the entire railway fleet and resource management. We have significant competencies in the highest level of safety critical development (SIL4), various applications of our ProSigma open the way to develop our own railway interlocking system product family (PRORIS).

Railway automation and Energy management are two different divisions at our company.

The traditional product of the latter is the so-called Ripple or Audio Frequency Radio Control Receiver (RCR) product family that also opened us the German market. The aim of our continuous developments is to have wide product range according to the needs of intelligent networks, such as devices that allow remote reading (AMR), local data collection and processing (C-RTU), monitoring of low-voltage networks and relay devices required by German suppliers (Steuerbox), and a system that implements the remote control of the public lighting managemenet system (Eclipse).

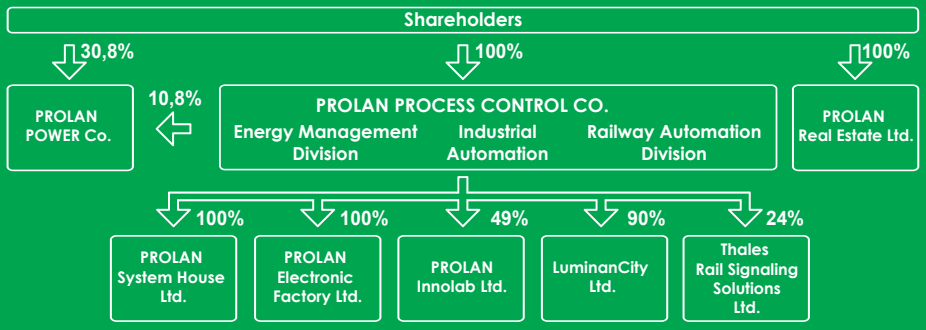
The corporate culture that looks back on decades of tradition, talents, developments initiated by individuals, inspiring and collegial atmosphere is essential for our success.

CSALÁDBARÁT MUNKAHELY

HUNGARIAN QUALITY PRODUCT AWARD

AZ ÉV INTELLIGENS VÁLLALATA TOP 10 2017

PROLAN GROUP



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