



UniGear Digital Concept

Case: University of West Bohemia, Czech Republic

UniGear Digital Concept

Case: University of West Bohemia, Czech Republic

End customer

University of West Bohemia

Country

Czech Republic

Industry

Utilities

Products delivery

UniGear Digital Concept for 7,2 and 10 kV

Key results

14 panels of UniGear Digital Concept



Challenge

- Regional Innovation Centre for Electrical Engineering (RICE) is the name of the project the Faculty of Electrical Engineering of University of West Bohemia
- The project was opened for a new ideas with smart solution and monitoring of parameters for all levels of connected equipment
- Connection to the upstream system with IEC 61850 communication protocol
- **ABB solution**
 - UniGear Digital Concept for 7,2 & 10kV
 - Equipped with Sensors – electronic instrument transformers
 - Equipped with ABB IED REF 615 with sensor inputs
 - Solution with less weight
- **Customer benefits**
 - Maximum reliability by continuous monitoring
 - Sensors technology enabled the customer to confirm quickly parameters of current and voltage sensors
 - Lower consumption of energy due to sensors
 - Easier installation at site
 - Connection to the upstream system by IEC 61850

Power and productivity
for a better world™

