

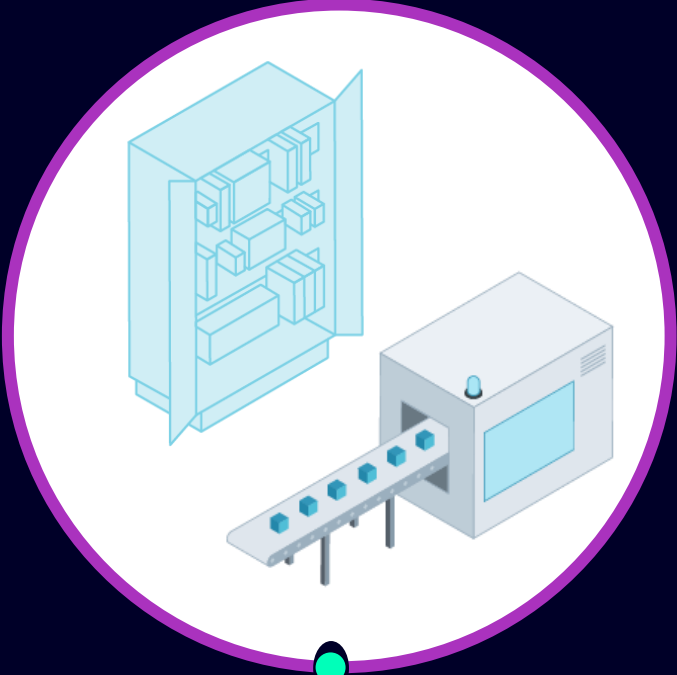


Integrated Electrical Planning – **SIMARIS Planning Tools and Control Panel Design in the TIA Selection Tool**

Requirements

Electrical planning for infrastructure

Planning of electric power distribution from medium voltage to load



Electrical planning for industry

Detailed design of control panels and machine electrics

Tools

SIMARIS planning tools

Innovative tools, combined on one platform, effectively support the planning process



Control Panel Design
in the TIA Selection Tool

Holistic engineering – integrated digital electrical
engineering at last

Significance

The **SIMARIS** planning tools and **Control Panel Design in the TIA Selection Tool** support you consistently throughout the electrical planning process from power distribution up to and including the industrial control panel.

Commonalities

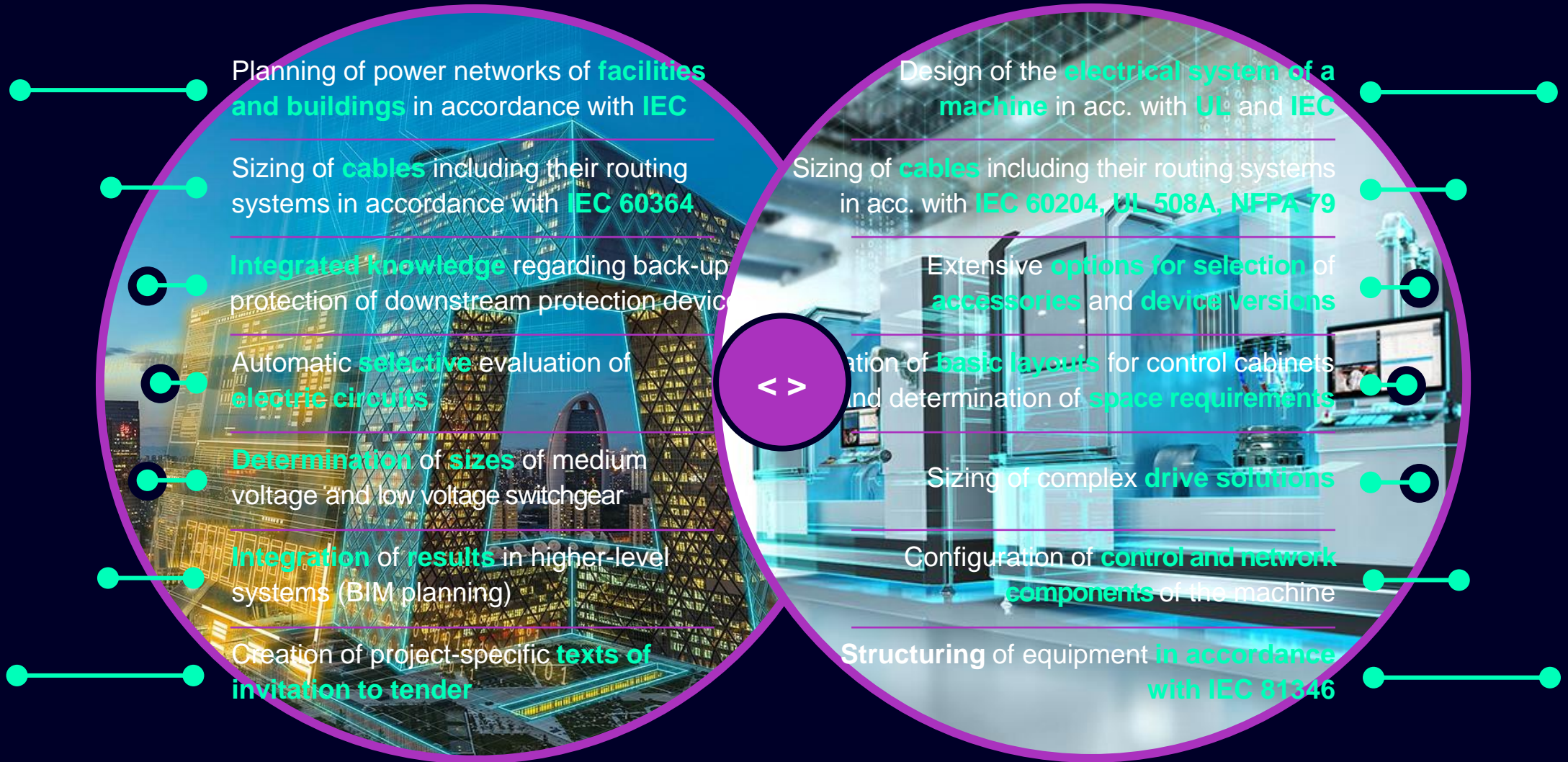


Calculation of short-circuit current

Automatic selection and setting of relevant equipment



Different focuses



Features relevant to IEC standards



Short-circuit current calculation



Automatic sizing of devices



Cable dimensioning



Load flow calculation



Selectivity



Back-up protection



Design of load feeders for motorized loads



Selection of loads



Selection of busbar system



Selection of busbar trunking system



Selection of sources



Relevance

High
 Medium
 Low
 None

Features

relevant to UL standards



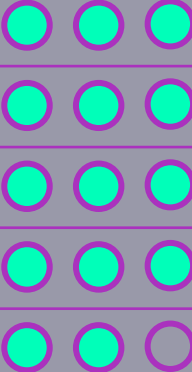
Design of load feeders for motorized loads

Automatic sizing of devices

Feeder circuit breakers for control cabinet

Cable dimensioning

Selection of loads



Relevance

