



Control Panel Design in TIA Selection Tool

SIEMENS

Challenges

Integrated Control Panels



New technologies



Employee qualification



Efficient & flexible design



Strong trend towards digitalization



Time pressure



New standards and directives



Efficiency



Flexibility



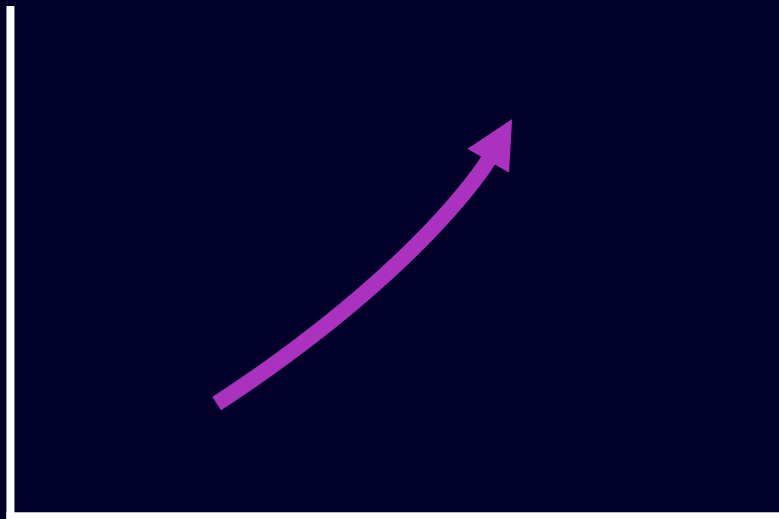
Quality



Speed

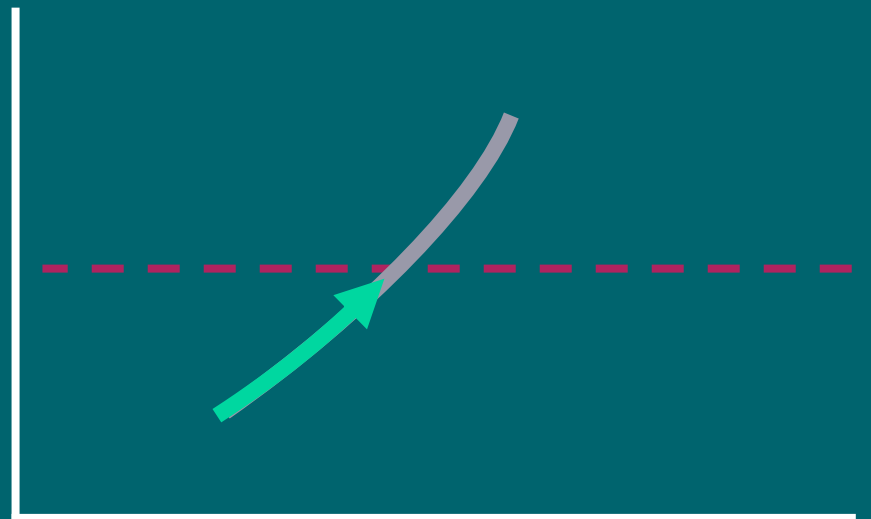
Complexity

of requirements is continuously increasing



Limited

Resources and Budget



A person with curly hair, wearing a brown sweater, is sitting in a chair and holding a pen to their chin, appearing to be in deep thought. In the background, there is a desk with a laptop and a large monitor displaying technical diagrams. The scene is dimly lit, suggesting a workshop or office environment. The text is overlaid in a bright cyan color.

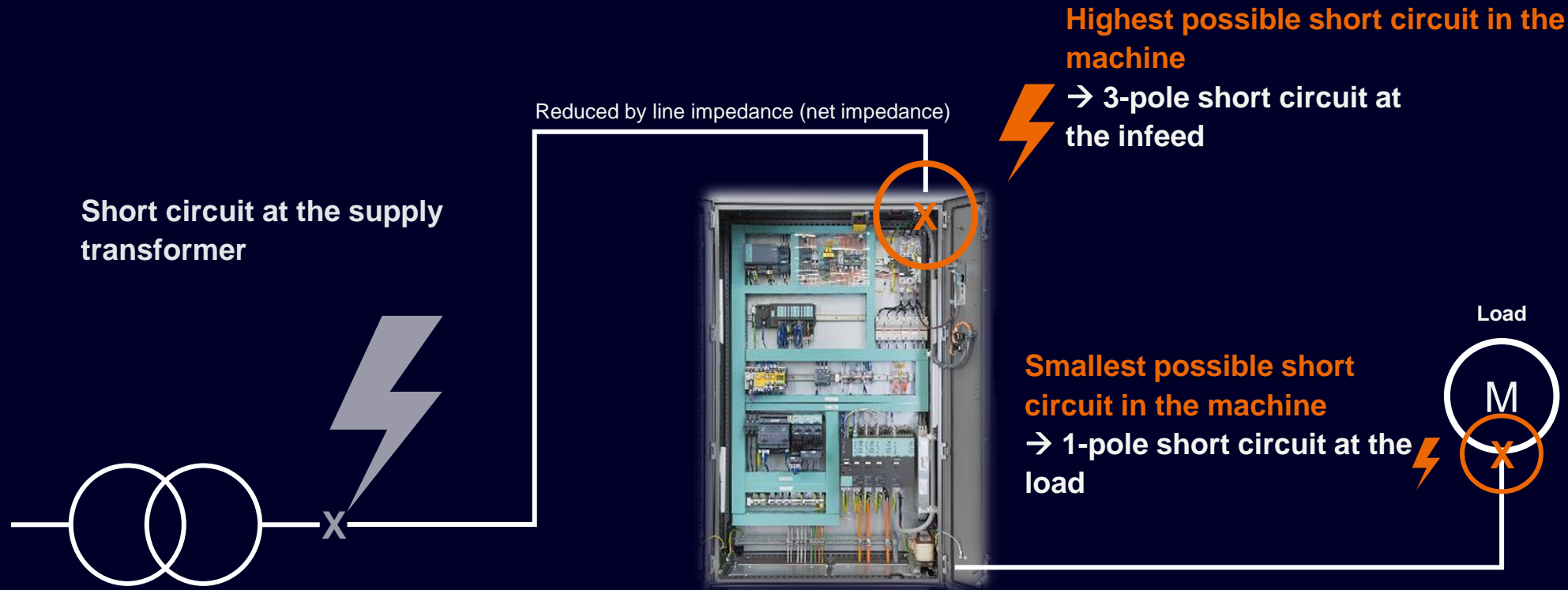
Digitalization

Everything...

...also the way of Electrical Engineering

Dimensioning the main electric

Possible short circuits



The manufacturer has to ensure, that all assembled protections devices in the machine can disconnect the highest and lowest short circuit safe!

Dimension main circuit with Control Panel Design in TIA Selection Tool

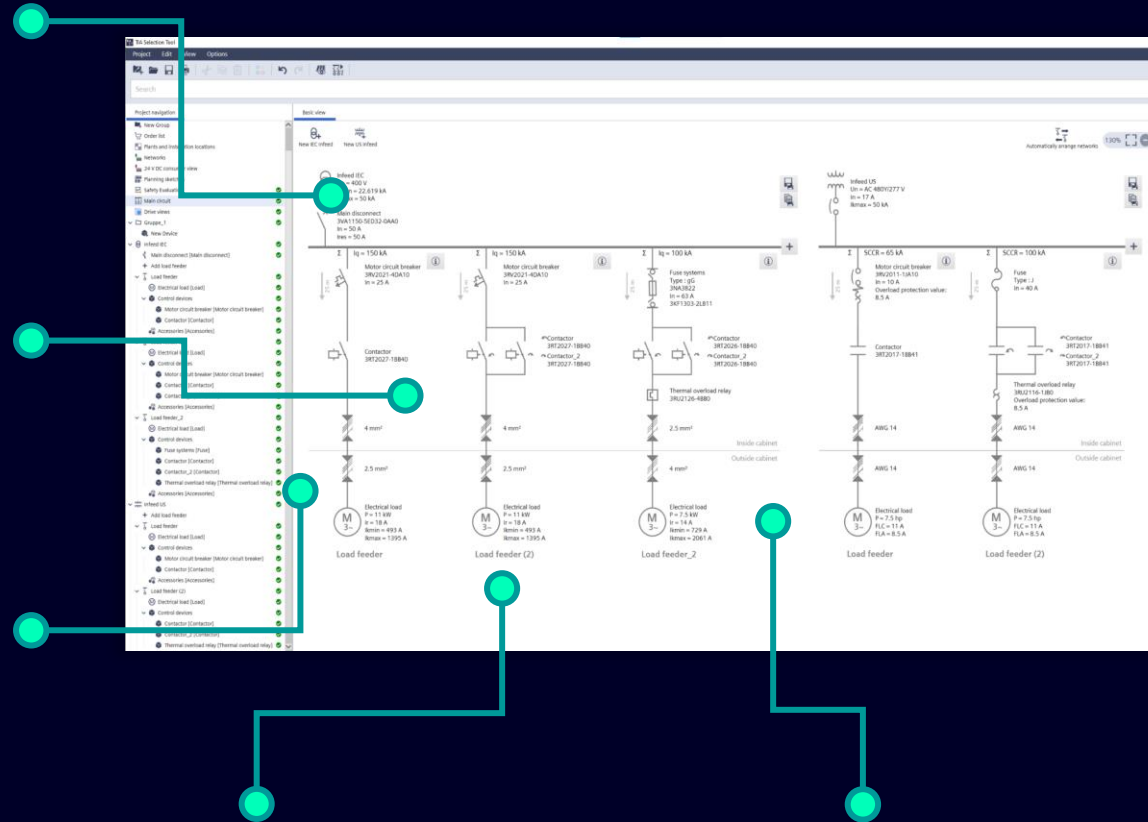
Electrical Engineering smart and easy

Automatic cable dimensioning and short circuit calculation

Devices and accessories for switching and protecting motor loads

Visual planning and dimensioning of main circuit

Conform to important standards and regulations like IEC & UL



Control Panel Design

in TIA Selection Tool

Short circuit calculation, cable dimensioning and control device configuration according to IEC & UL standards

Download for free at:

www.siemens.com/cpd

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Enjoy live...

What's next...

IEC Motorstarter für ET200SP / Hybridstarter V2

IEC/UL Control Devices for
SITOP Power Supplies

IEC Control Devices for SINAMICS drive systems

An illustration of a person wearing a yellow hat and sunglasses, sitting in a teal beach chair on a yellow beach. A large green umbrella is to the left. A laptop on a small table to the right displays technical diagrams, including a circuit diagram with a motor symbol (M) and a 3-phase symbol (3~). The background is a light blue sky with three birds and a blue horizon line.

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Easier dimensioning,
more free time.

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