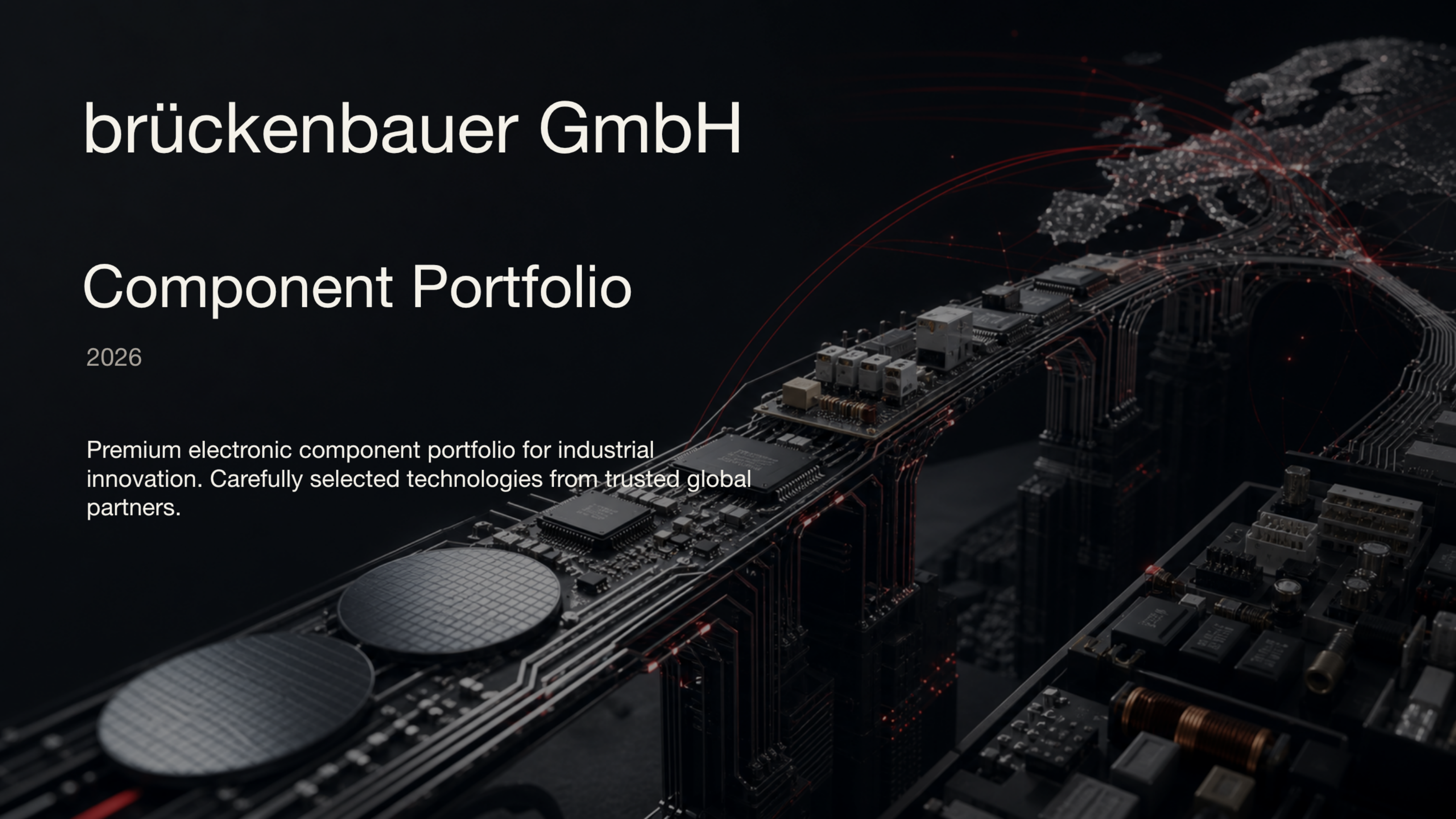


brückenbauer GmbH

Component Portfolio

2026

Premium electronic component portfolio for industrial innovation. Carefully selected technologies from trusted global partners.



Eight component groups. One sourcing layer.

The original one-page matrix becomes a navigable product portfolio: clearer product families, stronger visual hierarchy, and RFQ-ready technical framing.



Temperature Sensors

Temperature measurement up to +600C, IP68 probes, thermistors, thermocouples.



Current & Position Sensors

Clamp-on current sensing, busbar measurement, encoders, rotary position.



Power Management

IGBT, SiC, MOSFET, rectifier, power diode, converter and supply families.



Electromechanics

Connectors, cables, ventilation, card readers, test sockets and wireless hardware.



Pressure & Flow Sensors

Pressure, level, gas, liquid and flow measurement for process systems.



EMC Components

Chokes, filters, inductors, transformers for controlled electromagnetic behavior.



Passives

Resistors, capacitors, MLCC, aluminium, interference suppression, quartz timing.

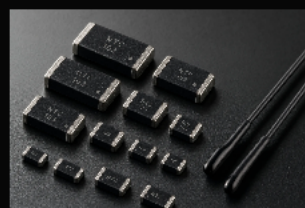


Acoustics

Buzzers, magnetic transducers, microphones, piezos, receivers and speakers.

Temperature sensing families

From compact NTC platforms to custom thermocouples for high-reliability thermal instrumentation.



Chip NTC / Thermistors

Temperature up to +250C



Waterproof Temperature Sensors

IP68 protection



Thermistors

Resistance tolerance up to +/-0.05C



Custom Temp. Sensors

Up to +600C



Microchip Thermistors

YSI400 compatible



Custom Thermocouples

Types K / T / J / E / N

Measurement and motion sensing

Process telemetry, gas and flow measurement, strain monitoring, current sensing and rotary position platforms.



Pressure Sensors & Transmitters
0.1 - 1000 bar



Ultrasonic Flow Meters
Non-contact flow media



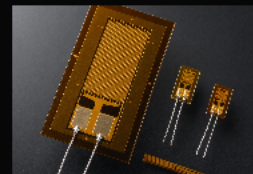
Level Transmitters
Liquid-level measurements



Gas Sensors
O₂ / CO₂ / CH₄ /
propane / ammonia



Flow Meters & Switches
Liquid and gas flow



Strain Gauges
Static and dynamic strain



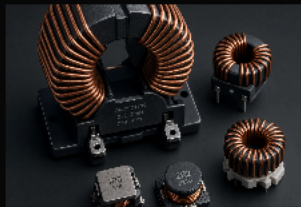
Current Sensors
Clamp-on / busbar /
PCB mount



Position Sensors
Rotary position /
encoder / potentiometer

EMC control components

Magnetic components and filters for stable, compliant behavior across industrial electronics and power systems.



Chokes

Linear / saturated / storage



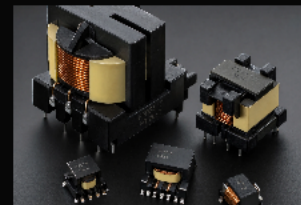
Filters

1 to 3 phases / compounded /
print-inlet



Inductors

Magnetic / secondary / unipolar

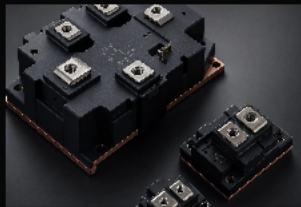


Transformers

Flyback / EE-ETD / high frequency /
SMD & THT

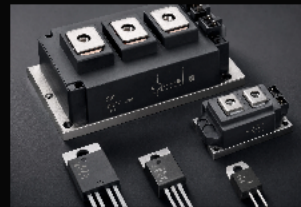
Power conversion and switching

IGBT, SiC, MOSFET and converter families for high-load, energy and industrial systems.



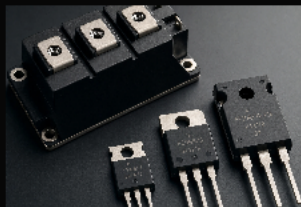
IGBT

Half bridge / 3-phase bridge / SiC module



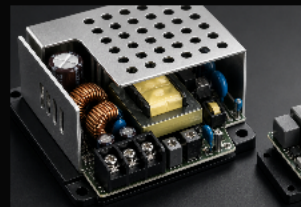
SiC

Half bridge / power diodes / 3-phase



MOSFET

Rectifiers / MOSFET modules / power diodes

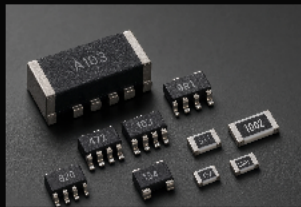


Converters

AC/DC / DC/DC / power supply / plug converters

Board-level foundations

Resistive, capacitive and timing components that stabilize electronic designs under continuous stress.



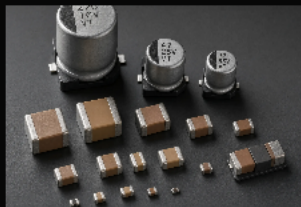
Resistors

Thin film / thick film / precision



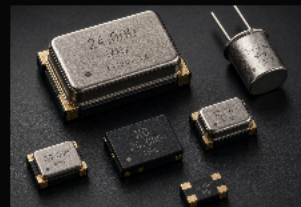
Film Capacitors

X film / Y film poly / RC



MLCC Capacitors

MLCC / aluminium / interference suppression



Quartz Crystals

SMD / THT / oscillator

Interfaces and hardware

Connectors, cables, air movement, sockets, readers and wireless interface hardware for engineered assemblies.



Connectors

Push-pull / Y-Circ P / SPE / RJ45 industrial



Cables

Ribbon / Y-cable / IP55 / customization



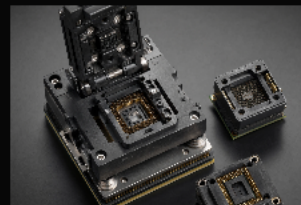
Ventilators

Radial / axial / arrays / MagLev



Card Readers

Memory cards / SIM / Compact Flash



Test Sockets

Custom Y-ETI / open module / BLT / COM test



Wireless

RF / outdoor / GNSS / adapter / connectors

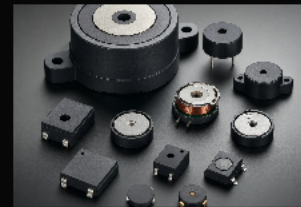
Sound, signal and feedback

Audio and haptic component families for signaling, feedback, sensing and compact device integration.



Buzzers

Piezo buzzer / self drive / transducer



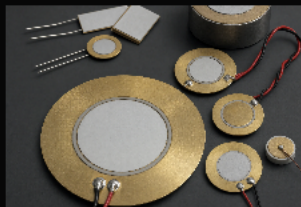
Magnetic Types

Transducer / buzzer / SMD



Microphones

Omni / uni directional / noise canceling



Piezos

Feedback and non-feedback



Receivers

Dynamic / piezo



Speakers

Mylar / loud / SMD

From Requirements to RFQ.

The portfolio creates a clear sourcing pathway: identify the application context, match the right product family, then move into supplier qualification and sample planning.

- 01 Map the application context
- 02 Select the matching product family
- 03 Define standards, lifecycle and quantity
- 04 Route RFQ, samples and series support



Coverage at a glance.

Our portfolio is organized into a customer-focused structure that simplifies technical evaluation, product selection, and RFQ preparation.

08

Component groups

Temperature, sensing, EMC, power, passives, electromechanics and acoustics.

40+

Product families

Detailed families mapped from the original portfolio and Brueckenbauer product data.

03

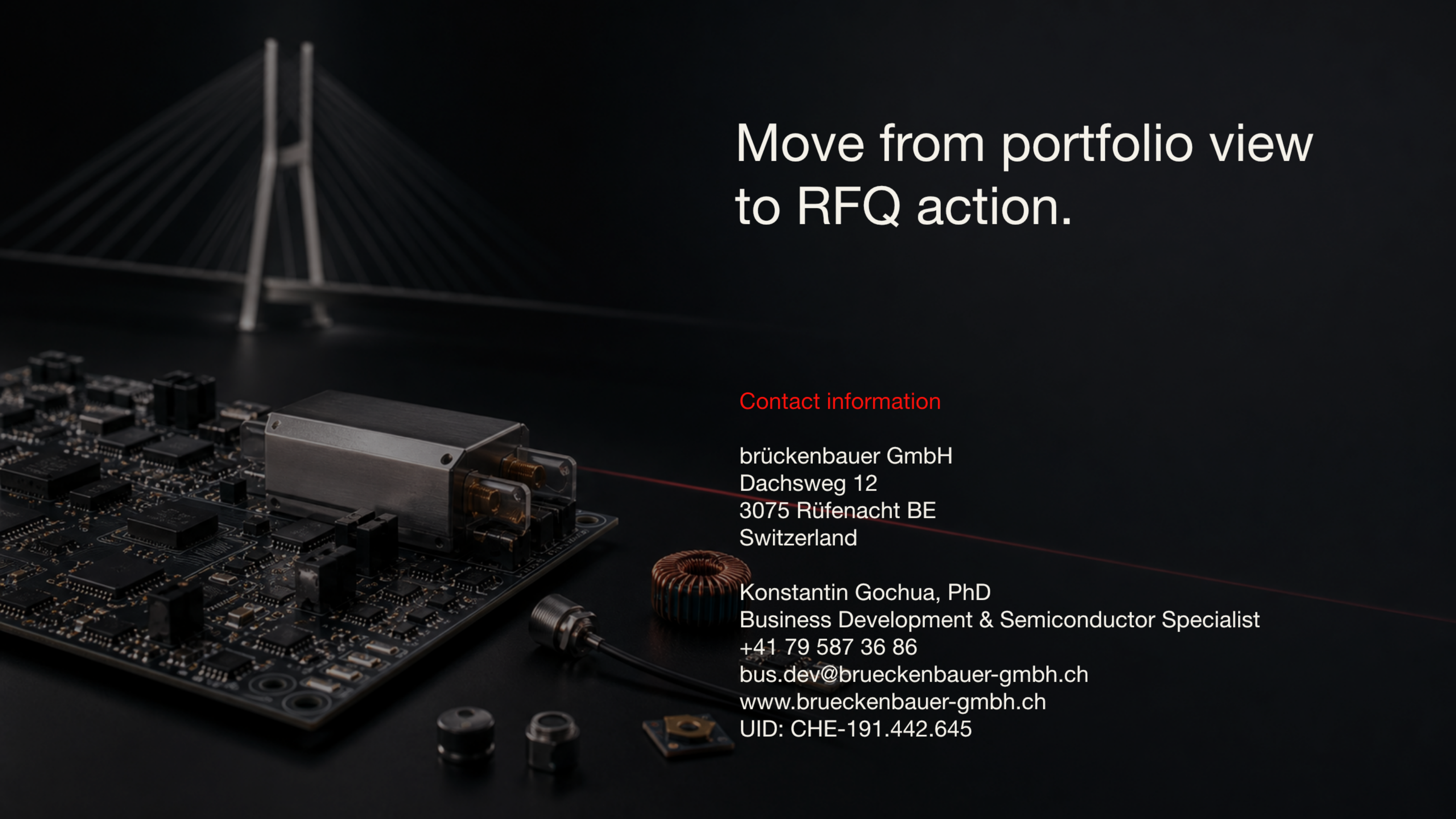
Primary use modes

Technical discovery, RFQ preparation, and customer-facing portfolio walkthroughs.

100%

PNG embedded

All deck images are converted to PNG for reliable PPTX and PDF export.



Move from portfolio view to RFQ action.

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