### Perfection in Automation for the Electronics Industry

#### Wafer Fabrication
- Extremely smooth surfaces
- Clean room technology

#### The Core Solution
- Factory automation in the electronics industry
  - Full integration of all automation components in a central engineering tool.
  - Transparency is ensured throughout development and operation thanks to the dedication to open standards.

#### Rapid Market Growth and Moore's Law
- Rapid market growth and Moore's Law are driving the electronics industry to continuously boost productivity while optimizing costs.

#### In-Circuit Testing
- Non-stop parallel processing
- Time-critical production steps

### Components and Functions

#### Lithography
- In-circuit testing
- Pick-and-place assembly
- Non-stop parallel processing

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### Specialized Solutions

#### Temperature Zone Control
- Integrated visualization
- Online temperature profile changes

#### Soldering Processes
- Nitrogen atmosphere
- Integrated visualization

#### Drive-Based Measurement System
- Speed control
- Polishing agent application control

#### Laser Marking
- Speed and precision are not mutually exclusive – B&R’s high-performance systems guarantees seamless records and traceability of the entire process.

#### Gas Concentration Control
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### Customized Product Labels
- Drive-based measurement system

### Fast I/O Reactions for Discharging
- Minimum settling times for maximum quality

### Form Protection via Software
- Movement profiles for optimal module processes

### High-Speed Vision Integration
- Fast changes between movement and vision

### Inline Quality Control
- Automatic format configuration
- Process security

### Product Tracking
- Consistent sealing times

### Process Security
- Fast I/O reactions for discharging

### Flexibility
- Flexible product identification and product tracking

### Synchronized Movement Sequences
- Fast I/O reactions for discharging

### Synchronous System
- Maximum precision with a short movement cycle

### High-Speed Data Acquisition
- Fast data acquisition

### Process Flexibility
- Various drive concepts available

### Electronic Component Applications
- Fast data acquisition

### Process Security
- Various drive concepts available

### Business Partner
- In a competitive market, the total cost of a system becomes an increasingly important factor in the decision-making process.

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