Scope of services offered

- Construction of up to two demonstrators in the IIoT Test Bed
- Live demonstration in a production-related environment
- Organisation of at least six AutoID workshops by HTW Dresden p.a.
- Demonstration of solutions at one-day workshops by HTW Dresden or exhibitors
- Free workshop participation for customers and interested parties from exhibitors
- Demonstration of solutions at public events and guided tours in the T&T Theatre
- Support in finding R&D partners and initiation of projects

Charges for exhibitors

**Option I** ........................................ 9,500 euro plus VAT

For a 12 months-period

**Option II** ..................................... 11,000 euro plus VAT

For a 12 months-period plus one-day free of charge use of IIoT Test Bed

AIM members receive a yearly discount of 2,000 euro

Project management and contact

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www.htw-dresden.de/t&ttheatre

Track and Trace Theatre

in the Industrial Internet of Things Test Bed

at HTW Dresden
Track and Trace Theatre

Advantages of T&T Theatre

- Access to room concept and infrastructure of the IIoT Test Bed
- Expertise in AutoID solutions
- Networking platform for AutoID companies
- Demonstration of different AutoID solutions alongside internal processes
- Joint development of demonstrators and prototypes for Industrial Internet solutions
- Integration of T&T Theatre into public events of IIoT Test Bed
- Enrolment of T&T Theatre as roadshow element in the trail of the Smart System Hub
- Expand range of AutoID customers by live demonstrations

For innovative AutoID product development the following industrial scenarios can be tested in the Smart Factory:

- Tracking of small load carriers by RFID
- Demonstration of RFID reader integration in the transport system
- Printing of labels for end products and containers by RFID printer
- Presentation of solutions for optical detection and verification of products
- Demonstration of solutions for material identification by optical readers
- Presentation of RFID sensor solutions in machines and systems
- Demonstration of real-time localization scenarios (UWB / BLE / WLAN)

Scenarios in the industry

One-day workshop agenda

The T&T Theatre provides visitors with theoretical principles for labelling, identification and automatic data acquisition using bar code, matrix code, RFID, indoor localization systems and sensor systems in different areas of a supply chain.

All topics will be presented in a practical and live way on the basis of demonstrators in the Test Bed.

Several breaks for discussions and information exchange are planned during this event.

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>08.30 - 09.30</td>
<td>Welcome/Introduction to Test Bed and AIM-D e. V.</td>
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<tr>
<td>09.30 - 10.00</td>
<td>Overview AutoID technologies</td>
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<tr>
<td>10.15 - 12.00</td>
<td>RFID-technologies for material detection and tracking</td>
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<tr>
<td>12.45 - 14.00</td>
<td>Optical marking and identification of objects</td>
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<td>14.15 - 15.45</td>
<td>Object location and wireless sensor data acquisition</td>
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<td>15.45 - 16.45</td>
<td>AutoID integration through OPC-UA</td>
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