PRESENTATION

BAVARIAN IT SECURITY & SAFETY CLUSTER
**BAVARIAN IT SECURITY & SAFETY CLUSTER**

- **Foundation:**
  - 2006 as Cluster in Regensburg (founded by the city of Regensburg)
  - 2012 Opening branch office Augsburg
  - 2013 transformation into a registered association

- **Members:**
  - Companies located in the IT-Sector
  - Companies, which use information security technology
  - Universities and further education facilities
  - Legal practitioners
  - Public Sector
THE BAVARIAN IT SECURITY AND SAFETY CLUSTER

**IT Security**
IT or information security concerned with protection against intelligent, strategic attacks

**IT Safety**
Technical / functional issues concerned with protection against harmful influences

- 115 Cluster Members: 95 companies, 15 universities / research centers, 5 others
- Branches in Germany: Regensburg
- Cooperating with: Austria, Belgium, Denmark, France, Israel, Poland and USA
AIMS AND FUNCTIONS

To initiate and promote collaborations

To launch and mentor company start-ups

To further the development of IT security research and training

To provide information about security risks and their technical and organisational solutions

→ SERVICE FOR MEMBERS:
  - Support for company collaborations
  - Public relations
  - Support in the evaluation and recruitment of staff
BAVARIAN IT SECURITY & SAFETY CLUSTER

- Public Relations:
  - Homepage: www.it-sicherheitscluster.de
  - Newsletter & Social Media
  - Annual report
  - Lobby work and participation in different committees
  - Participation in various events
  - Free exhibition opportunities

- Further education possibilities
  - Training program of the Bavarian IT Security & Safety Cluster
  - Cooperational events
7 WORKING GROUPS IN IT SECURITY (1/2)

- **Information security management: ISIS12**
  - Security management system for SME businesses
  - Easy to install and helps to introduce standards

- **Data protection**
  - Support the transfer and discussions of information concerning legal requirements and organisational issues of IT-security

- **Cloud security**
  - Legally compliant solutions for cloud computing and secure SMB services
### 7 WORKING GROUPS IN IT SECURITY (2/2)

<table>
<thead>
<tr>
<th>Working Group</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Industrial IT security</strong></td>
<td>- Development of products, analysis and consulting services for the manufacturing industry and design of industrial IT processes</td>
</tr>
<tr>
<td></td>
<td>- The manufacturing and control level was poorly protected because of the lack of realistic affordable solutions</td>
</tr>
<tr>
<td></td>
<td>- Modern-age cyber warfare attacks its targets systematically at production level rather than administrative IT environments</td>
</tr>
<tr>
<td><strong>Information Security - ISA+</strong></td>
<td>- Checklist for small enterprises and startups</td>
</tr>
<tr>
<td><strong>Cyber Security</strong></td>
<td>- Strengthen the alliance of cyber security by supporting the cyber security day of the federal office for security of information technology</td>
</tr>
<tr>
<td><strong>iDSM7</strong></td>
<td>- Data Management System in 7 steps</td>
</tr>
<tr>
<td></td>
<td>- Implementing the GDPR</td>
</tr>
</tbody>
</table>
WORKING GROUP IN IT-SAFETY

- Focus on reliability and safety of software-based functions in the automotive sector
- Development of safe software-intensive automotive systems
- Aims: Collaborations, transfer of information, presentation outside the region, organization of talks by experts and information sessions

Connectivity, IT Security meets Safety
BUSINESS COMPANIES - EXTRACT
RESEARCH PARTNER - EXTRACT
PUBLIC PARTNER- EXTRACT

- Supporting Member:

[Logos of STADT REGENSBURG and IHK]
BAVARIAN IT SECURITY & SAFETY CLUSTER

- Cooperation:
  - Initiation und management of networks, e.g. ISIS12 (InformationSecurityManagementsystem in 12 Steps)
  - Initiation of working groups & workshops
  - Cooperation workshops
  - Platform for “Networking”
  - Free or cost reduced possibilities of participation in various events
Forums: Supported and managed by an advisory board of science and business

Current Forums:

- Forum Data Protection: Current Issues
- IT-Security Forum: Focus „Industry 4.0“
- Automotive Safety Forum: Focus „IT-Security“
- „Zukunftsforum‟: special focus on Startups
Roadshows and Series of events:

- With cooperations partners from Bavaria, other federal states and Austria
  - Event Series IT-Security at the bank of the Danube=> Linz, Passau, Deggendorf, Straubing and Regensburg
  - Roadshows e.g.: Safety meets IT Security, Industrial IT Security, Cloud- and Information Security, Safe Internet e.t.c.
  - Joint stand on the IT-Security fair „it-sa“
Further Education:
Certificate course Information-Security-Representative

- Companies and Organization have the possibility to train their employees for this function
- Direct Link between theoretical training and use in their own organization
- Practical period of 4 Weeks for on the job training of the acquired skills
- Focus of the certificate course are organizational, technical and legal issues
- 4 days, 8 speakers, maximum of 12 participants, 2.100.-€
- Confirmation of participation or test with certificate (OTH Regensburg)
Your Contact:

Bayerischer IT-Sicherheitscluster e.V -
Bavarian IT Security & Safety Cluster
Sandra Wiesbeck
Manager of the cluster and CEO
Franz-Mayer-Straße 1
93053 Regensburg
+49 941/604 88 9 18
sandra.wiesbeck@it-sec-cluster.de