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Panel IV „Safe Capital Regions Dialogue“

Security Industries in Berlin-Brandenburg

Presentation by
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The Market for security products

Personnel



	Germany	Berlin- Brandenburg
Firemen, total	1,056,000	50,000
Firemen, professionals	27,600	3,900
Police (16 Laender)	250,000	30,800
Police (Federal Police)	30,000	11,000 (Region East)
Private Sentry Firms	170,000	?

Potential in Berlin-Brandenburg



Companies identified



IT-Security	109
Manufacturing of security and safety equipment	68
Service & consulting	45
Biometrics	13
Defence	12
Sum	245

plus

Research & Development Institutes	20
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IT-Security – R & D institutions

www.isst.fraunhofer.de



- **Fraunhofer-Institute for Software and Systems Engineering** (*Fraunhofer-Institut für Software- u. Systemtechnik ISST*), staff of approx. 130 in Berlin; Departments:

- security management • integration management
- secure business IT-systems



www.hhi.fraunhofer.de

2,5 Terabit/sec

- **Fraunhofer-Institute for Telecommunications**, Heinrich-Hertz-Institute (*Fraunhofer-Institut für Nachrichtentechnik HHI*)

- photonic telecommunication nets, mobile broad-band systems and electronic imaging technology



www.gfz-potsdam.de



- **National Research Centre for Geosciences** (*GeoForschungszentrum Potsdam GFZ*)

- earth- and seaquake early warning systems





IT-Security initiatives – I



Technology Initiative „**Security with IT**“ (since 2003),
with the following Working Groups:

- 1) **Biometrics centre**
- 2) The secure document
- 3) **The secure building** (www.probuilding.de)
- 4) **The secure production** (www.its-pro.info)
- 5) Security management around big events
- 6) *The secure vehicle*
- 7) *Security in the health sector*

Part of the „We make IT“-Initiative Berlin-Brandenburg



IT-Security initiatives – II



Network-Management-East Projects
(*NEMO*, federal co funding)

- Project **NE-SIS** (Network **S**ystems for **I**ntegrated **S**afety **M**onitoring“): since 2004, 16 partners, aim is to combine measurement-technology with IT in order to, e.g., develop complete person detection systems to equip airports etc. (www.ne-sis.org)
- Project **IDENTSYS** (Measurement processes and **S**ystems for **I**dentification and Verification of Persons, Access Control and IT-Access Data Security): since 2005, 7 partners (Lead ~: Technology Foundation Berlin www.identsys.de)



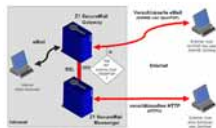
IT-Security – companies (examples)



- **SIEMENS Building Technologies:** automation, security, and management of buildings
www.sbt.siemens.de



- **TEKO GmbH:** Consulting, planning and site supervision for technical equipment in buildings
www.teko.de



- **Netfox AG:** Systems integrator for crucial company IT requirements, focus on public employers, utilities, waste disposal and the health sector
www.netfox.de



- **zertificon solutions GmbH:** Protection of electronic communication against being spied out or forged
www.zertificon.de



Manufacturing – R & D institutions



- **Fraunhofer Institute for Production Systems and Design Technology** (*Fraunhofer Institut für Produktionsanlagen und Konstruktionstechnik IPK*): Focus on production and automation technology as well as security, traffic and medical technologies
www.ipk.fraunhofer.de



- **Technical University Berlin (TU Berlin):** 30,000 Students, 2,600 researchers & lecturers
www.tu-berlin.de



- **Brandenburg Technical University, Cottbus (BTU):** 4,700 Students, 630 researchers & lecturers
www.tu-cottbus.de



- **7 Universities of Applied Sciences (Fachhochschulen)**
- various **Max-Planck-Institutes** & other **Fraunhofer Institutes**
- **Federal Institute for Materials Research and Testing**
www.bam.de



Manufacturing – companies (examples - I)



- **Alarm-Center Technowelt GmbH & Co KG**, Schönwalde: security technology like cs-gas sprayers, video, location-pagers etc. www.alarm-center.de



- **STOOF International GmbH**, Borkheide: automotive security technology www.stoof.de



- **SMARTEX GmbH**, Rathenow (**BLÜCHER**): world market leader in the development and production of adsorptive compound fabrics for Individual Protection from chemical and biological warfare agents www.bluecher.de



the leading name in adsorptive compound materials



Manufacturing – companies (examples - II)



- **GERB Vibration Control Systems GmbH**, Berlin: vibration isolation, vibration control and seismic protection www.gerb.com



- **FURMANITE Inc.** (USA), Schwedt: comprehensive on-site and on-line plant and pipeline maintenance („Maximising Asset Uptime“)



- **ASSA ABLOY Security Technology**, Berlin & Cottbus (Sweden, brands: IKON & effeff): locking technology for buildings and industry





Manufacturing – companies (examples - III)



- **MSA Auer GmbH**, Berlin (USA): Personal Protective Equipment, Respiratory Protection, Head, Body and Face, Protection, Eye and Hearing Protection, Fire Fighting and Rescue, Gas Measuring Technologies – Leak Detection

www.msa-auer.de



- **Rosenbauer International AG Feuerwehrtechnik**, Luckenwalde & Neuruppin (A): world's second-largest manufacturer of fire-service vehicles

www.rosenbauer.com



- **Robowatch Technologies GmbH**, Berlin: first worldwide company to market mobile security robots

www.robowatch.de



Biometrics – important players



Fraunhofer Institute for Production Systems and Design Technology

(*Fraunhofer Institut für Produktionsanlagen und Konstruktionstechnik IPK*):

image analysis, multisensorial security etc.

www.ipk.fraunhofer.de



Federal Printing Office, Berlin

(*Bundesdruckerei GmbH*):

supplier of products and systems for personal identification (e.g., biometric passport), bank notes, and electronic publications

www.bundesdruckerei.de



- several SME, such as:

- **dpm identsysteme GmbH**
- **Ident Technologies GmbH**
- **Horatio GmbH**



Security services – companies (examples)



- **SECURITAS GmbH** (Sweden): world market leader in personal security services
www.securitas-online.de



- **Piepenbrock Service GmbH & Co KG**
www.piepenbrock.de



- **Dussmann AG & Co KG**
www.dussmann.de



- **Gegenbauer Sicherheitsdienste GmbH**
www.gegenbauer.de



- **GSE Ges. für Sicherheit und Eigentumsschutz mbH**
www.gse-sicherheit.de



Defense – important players



- **Rolls-Royce Deutschland Ltd.**, Dahlewitz: development and production of air engines and **MTU Maintenance Berlin-Brandenburg**, Ludwigsfelde: maintenance of air engines (both are members of A 400M consortium)



- **Berlin-Brandenburg Aerospace Alliance (BBAA)**: ca. 80 members www.bbaa.de (e.g.: Stemme AG www.stemme.de)



- **IABG**, Wildau: Germany's leading private engineering company for the security forces (planning centres, simulation systems, experimental laboratories and technical test institutes) www.iabg.de



- **Operations Command** of the German Armed Forces, Potsdam (*Einsatzführungskommando*)





THANK YOU FOR YOUR ATTENTION !

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