Finding Solutions - worldwide

International Benchmarking
arxes-tolina ranked among the 20 most innovative companies in Northeast Brandenburg and among the Top 100 on the European scale.
A Strong Unit

Within our globalized world, the classic production factors work, capital and land are not crucial anymore to achieve a continuous growth. The production factor knowledge, brought extensively into operation, is the only production factor that increases and deepens if used purposefully.

All employees of arxes with their daily commitment contribute to the expectations of our customers of designing products, performance and solutions that are affordable, of high quality and are in line with the market.

Dates and Facts

- Founded in 2002
- Headquarter in Berlin
- Branches in Eberswalde, Dresden, Neuss, Saarbrücken und arxes Shanghai

<table>
<thead>
<tr>
<th>Year</th>
<th>Employees</th>
<th>Sales</th>
</tr>
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<tbody>
<tr>
<td>2009</td>
<td>105</td>
<td>21,2 Mio. €</td>
</tr>
<tr>
<td>2010</td>
<td>115</td>
<td>26,3 Mio. €</td>
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<tr>
<td>2011</td>
<td>123</td>
<td>27,5 Mio. €</td>
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<tr>
<td>2012</td>
<td>250</td>
<td>50,0 Mio. €</td>
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<tr>
<td>2013</td>
<td>275</td>
<td>55,0 Mio. €</td>
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Engineering

This business unit includes Development, worldwide distribution and services of complex custom testing equipment in the field of non-destructive testing for production and repetitive ultrasonic and eddy current testing, as well as hardness measurement and hardness depth measurement of complex shaped geometries.

Software

arxes-tolina has over 25 years of experience in developing software to automate complex business and administration processes. Our range of software services includes projects, products and consulting. tolina software is easy to integrate in existing it-infrastructure and offer an excellent price-performance ratio. tolina has more than 400 satisfied customers, particularly in financial industry and public sector.

IT

arxes is leading provider of manufacturer independent IT-infrastructure solutions, that supports our customers to reach their business goals and to achieve competition advantages.

Together with our customers, we develop solutions for building and developing IT organizations using the latest technologies to ensure an efficient and economical way of providing information for your employees, partners and customers.
Engineering
Latest technology, efficient and creative

Electric / ICA Engineering
✓ Implementation of manual and automatic tests of components
✓ Preparation of technical feasibility analysis hardware planning
✓ Circuit and wiring diagrams
✓ Assembling drawings
✓ PLC programming and automatization of industrial facilities
✓ Process control engineering and visualization
✓ Test and commissioning

Software Engineering Solutions
✓ Development of application software / focusing on engineering
✓ Development of database based management systems
✓ Software for facility automation
✓ Interface implementation/hard- and software components

Project and Quality Management
✓ Project coordination and assistance
✓ Time scheduling, monitoring and cost control
✓ Reporting, presentation
✓ Error analysis
✓ Evaluation of statistics
✓ Process audit
✓ Initial sample testing
✓ Supplier selection

Illustration of these processes within our QM program IRMS* (Inspection and Revision management system)
Basic Engineering
- Idea, concept, design and implementation of mechanical components
- Situation analysis and specifications
- Documentation
- CE-compliant documentation
- Revision of completed drawings
- Editing of supplier documents

Test Laboratory
- Development of complete NDT systems
- R&D in the NDT field
- Development of devices and applications
- Sensors and testing concepts
- Implementation of testing and evaluation software
- Manual and automated testing of components

Manual Testing Systems
- PCUS Pro Multi
- PCUS Pro Single

Automated Testing Systems
- Rail, regional and high speed
  - Hollow axle testing systems
  - Solid axle testing systems
  - Inner stress testing systems for wheels
  - Wheelset testing systems SPE and UFPE

Industry sector
- Bar steel testing
- Disc testing
- Weld testing
**Infrastructure Solutions**

- Active and passive networks (LWL, CU, Routing, Wi-Fi etc)
- VOIP, UC (telephone systems, messaging systems, user desk systems)
- Client and print technology (PC, NB, Thin Client)
- Server and storage systems (DAS, SAN, NAS, FC, iSCSI, FCoE)
- High availability solutions for systems and applications
- Virtualizing concepts for server, client and storage environments
- Backup and disaster recovery (Tape, D2D, Remote Site)

**IT-Service**

**arxes Managed Services**

- Service Desk (1st Level Support)
- Reporting
- SLA based takeover of operational responsibility

**IT projects**

- Planning
- Acquisition
- Roll out
- Training and system documentation

**Maintenance and support**

- Hardware (Break & Fix Services)
- Monitoring (proactive system management)
- Support

**Strategy consulting**

- Consulting in ITL- / ISO 2000 projects
- IT health checks (How healthy is your IT organization?)
- IT benchmarks
- Maturity measurement
- Support of developing an IT strategy
- Preparation of service catalogues
- Consulting for sourcing strategies
Software Development

- Web based application development
- Databases: MS SQL Server, Oracle, mySQL, DB2
- Database development (T-QSL, PL / SQL etc)
- Groupware development / CMS: MS Sharepoint / Exchange, Domino, Drupal
- IBM Lotus Domino Applications development (Script, Java etc)
- MS Office applications development

IT Security

- Security analysis and consulting based on BSI / ISO 27000
- Protection of business networks with intelligent security gateways (Firewall, VPN, IDS / IPS)
- Traffic management / traffic shaping / load balancing
- Data leak prevention / content security
- Secure integration of mobile / desktop devices into business networks (802.1x, NAC, Endpoint security)
- Malware protection (anti-virus, anti-spyware etc)
- Encryption of data on file or data carrier level

CAD Software & Services

Autodesk Solutions

- Mechanical & Factory Design
- Architecture & Building Design
- General Design
- Visualization
- Collaboration & Data Management

CAD Training

- Taster course
- Mobile classroom
- Individual training
- Coaching
- Workshops

CAD Services

- Consulting
- Software installation
25 years efficient solutions

Just excellent software
- over 25 years success with efficient software
- 20 solutions for process automation in enterprises, public services and organizations
- attractive price-performance ratio
- thousands of installations at more than 400 satisfied customers:
  - more than half of all German saving banks
  - private banks
  - cooperative banks
  - more than 70 communities
  - Dax-listed companies corporations
  - and other famous companies

Sector-independent
- multichannel communication solutions
- projekt portfolio management
- solution for real estate valuation
- and more

Finance Sector
- currently 20 solutions available to automate bank processes
- thousands of installations
- customers in all pillars of the German bank sector

Public Sector
- dept and claim management
- networking of authorities
- allocation and administration of day care places for children
- and others
Market leader in Germany

Number One in the field of electronic processing of distrains

Our software Pfändung 2 is being applied at about 250 credit institutions in Germany. Approximately 10 millions of distrains per year are processed with this product. Also many „bank factories“ - i.e. enterprises that take over back office tasks for several credit institutes - rely on Pfändung 2. This is a clean proof for the highest efficiency of this software.

We reproduce complex processes in software and integrate them into existing IT-infrastructures. tolina projects are based on
✓ individual newly developed code
✓ finished components
✓ intensive advice

We are offering 25 field-tested and immediately applicable software products, for instance
✓ Pfändung 2
✓ Insolvenz 2
✓ Kreditrisiko 2
✓ Kita-Planer 2
✓ KommInform 2
✓ Saldenbestätigung 2

Agile software development

Our development work is organized on the basis of the agile software development. With this, our customers will receive the first prototypes very fast which can be further optimized until the completed solution will be on hand. You benefit from short development cycles, always short response times on new requirements and low development costs.