



B&T Solutions-HUB Innovation Exchange

Technologies, Solutions, Processes, Products

# “SInX” the “B&T Solutions-HUB Innovations Exchange” Information Technology Solutions

## Application, Database & Networking Solutions

Contact:

Tony Wadhawan,  
Geschäftsführer, Managing Director

Hunsrueck Strasse 15, 65520 Bad Camberg, Germany  
Tel: +49 172 210 6574; Email: [TW@Solutions-HUB.org](mailto:TW@Solutions-HUB.org); URL: [www.solutions-hub.org](http://www.solutions-hub.org)  
Skype: TonyWadhawan

Tel.: +971 50 34 17264 (UAE) | +91 98 718 43 904 (India)



B&T Solutions-HUB Innovation Exchange

**“SInX” the “B&T Solutions-HUB Innovation Exchange” ensures local and OnSite development, deployment & maintenance of sustainable IT platforms...**

▪ **Application, Database & Networking Solutions:**

- Application Development and Maintenance
- Database Development and Maintenance
- Networking Architecting, Deployment and Maintenance
- Website and Content Development Services

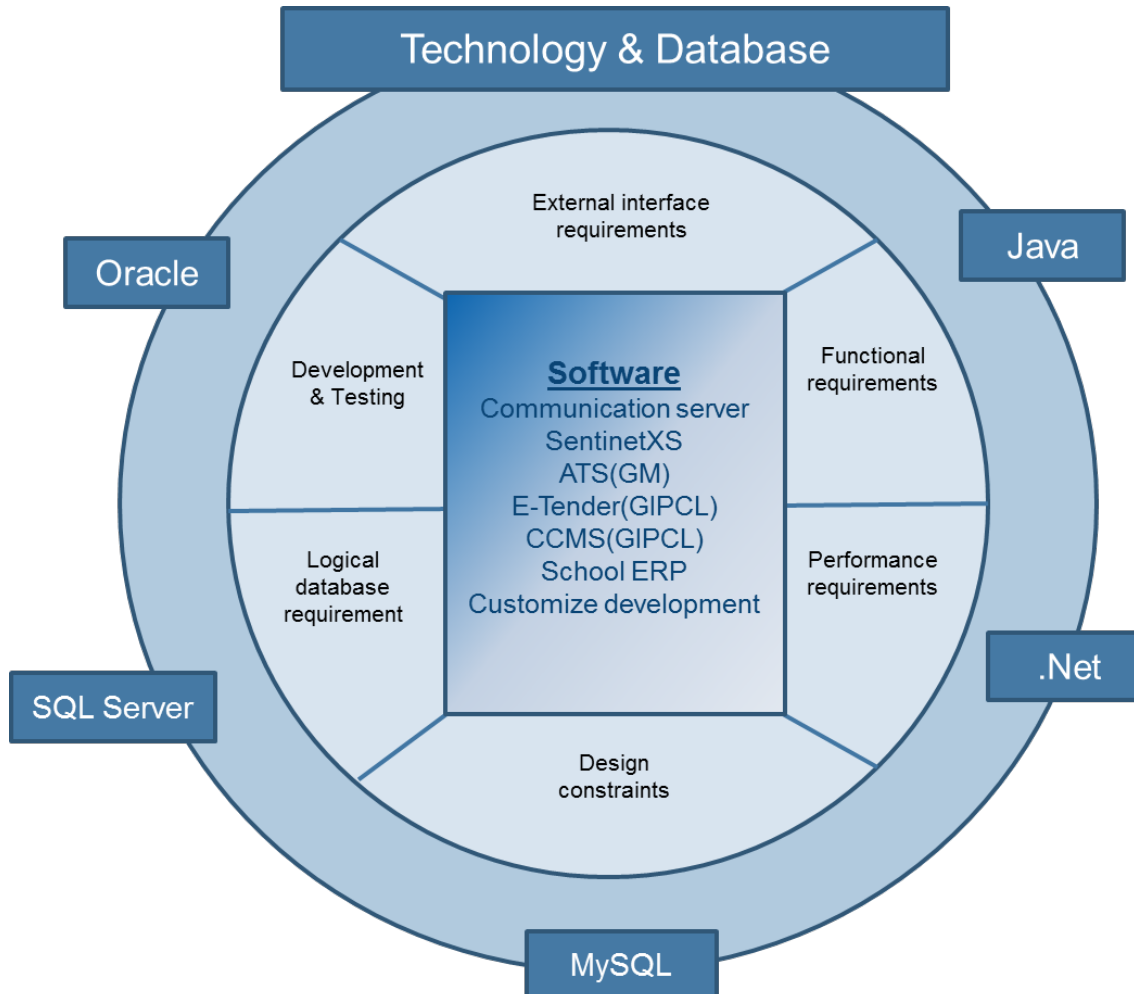
▪ **Technology Partners:**



**Check Point**  
SOFTWARE TECHNOLOGIES LTD.



# ...“SInX” brings capability and just enough capacity to establish Business Requirements, design Solutions, develop Applications.....



**Global Knowledge, Local Solutions**

....conduct Application functional & regression testing and maintain the Application through it's lifecycle....



# “SInX” Data Base Design is the backbone to the Application Architecture....

- Scope Definition
- High-level Organizational Data Requirement
- Entity-relationship diagram
- Descriptions of entity types
- Relationships between entities
- Business rules
- Processes – data flow diagrams, process decomposition, etc.
- Data Network – topology diagram
- People – people management using project management tools (Gantt charts, etc.)
- Events and points in time (when processes are performed)
- Reasons for events and rules (e.g. decision table)

# “SInX” ensures post implementation support

- Data Models
- Data Definition Language
- Data Manipulation Language
- Transaction Management
- Storage Management
- Overall System Structure
- Data redundancy and inconsistency
- Data isolation – multiple files and formats
- Troubleshooting and Post Implementation support:
  - Data Integrity Issues
  - Atomicity of updates
  - Concurrent access by multiple users
  - Security Issues

# “SInX” facilitates the realization of complete IT Networks ....

## Physical Networks:

- Network diagram
- Network redundancy
- Physical connectivity to existing network
- Post-design hardware inventory documenting device location, type, number of ports and type of ports

## Logical Networks:

- Addressing scheme(s)
- Supported Protocol(s)
- Routing protocol(s)
- Bridging group(s)
- Virtual Local Area Network (VLAN) architecture

## .... and IT Infrastructure Maintenance .....

- **System & Service monitoring**
  - Reachability, availability
- **Resource measurement/monitoring**
  - Capacity planning, availability
- **Performance monitoring (RTT, throughput)**
- **Statistics & Accounting/Metering**
- **Fault Management (Intrusion Detection)**
  - Fault detection, troubleshooting, and tracking
  - Ticketing systems, help desk
- **Change management and configuration Monitoring**



# “SInX” exercises due care in the Development of Websites as well as Content Management Solutions.....

- **Interactive and Salable User Interfaces and Websites** designed with Development Principles of :
  - Planning and Architecture
  - Rich User Experience and Usability
  - Rich Internet Applications and Code Structure
  - Interaction
  - Aesthetics
  
- **Content Management Systems (CMS)**
  - Robust, reliable user friendly CMS solutions
  - With over a decade of experience in the web technology our team has a deep understanding of content management processes with skills in a number of web development applications on multiple platforms.
  - Search Engine Friendly Content Management System CMS
  - Easy crawling to Search Engine spiders with necessary features to add to SEO Tags
  - Internet Marketing, advertisements and mass mailing solutions

## With special focus on eCommerce Website Development

- Total end-to-end e-commerce solutions aimed at companies and firms looking at launching and maintaining a professional online presence on the Internet
  - for building all kinds of online stores , from a small boutique to an absolute online mall. We have developed online ecommerce solutions for music stores, spiritual accessories shops, flower shop, CD DVD rental companies, online ticketing shows, shopping portals, real estate firms, education systems, jewellery shops, hospitals and doctors.
- Our eCommerce applications are fully customizable to meet all of your specific needs ranging from: Secure order and member sections, password protected administration for product and order management, shopping cart wish lists, online order status, real time credit card processing and many more advance e-commerce features.
- Payment Gateway Integration
  - We offer e-commerce Integration with most payment providers and shopping carts with particular expertise in PayPal, PayPal Pro, HSBC, HDFC, ICICI, paysignet, CCAvenue, EBS, transecute, Google checkout authorize.net and WorldPay integration.
  - Our expertise also extends to include advanced eCommerce integration, including recurring and deferred payments, device-compatible, invisible and automated transaction processing.

## Search Engine Optimization is a key process and “SInX” ensures that this is done continuously and diligently.....

- Monitor Search Engine Rankings
- Traffic Tracking
- Keyword Research
- Competitive Analysis
- Add Fresh Content
- Web Copy Analysis
- Boost Link Popularity
- Modifying Web Site Structure and Navigation
- Search engine submission
- Free link exchange



## COMPANY PROPOSITION

Data is a commodity; each element of data has a price. Data is converted into Information and information is mined. “Data Elements” and “Information Packages” are saved and are communicated . The Challenge is the deployment of Methods and Tools for the Management of Data, the Structuring and Interpretation of Data into usable Information, the communication and the use of the Information for improving and sustaining Life is crucial but expensive, complex, disparate, and ever changing across community boundaries.

Our solutions addresses the needs for Integration of data / information creation, data / information management, data / information recycling, data / information communication technologies, development of the Data and Information building blocks / innovative use of the available technologies and their evolution.

Expression of “Executive, Strategic and Commercial Interest in a Partnership / Collaboration” should be directed to **Tony Wadhawan**. This interest can be for Deployment, for Technology, for Manufacturing, for Financial (Commercial) partnership or for partnership that is Specific to project/s and could be in the form of: Joint Ventures / Partnership/s / License Agreements Franchisee Agreements, not limited to one Country / Region.

**Tony Wadhawan**  
Managing Director  
B&T Solutions-HUB

Tel.: +49 172 210 6574 (Germany) Email: [TW@solutions-hub.org](mailto:TW@solutions-hub.org) URL: [www.solutions-hub.org](http://www.solutions-hub.org)

