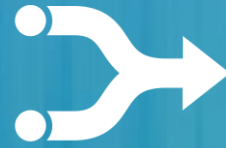


**YOUR
TECHNOLOGY
PARTNER**



Teamnet

www.teamnet.in

Business

- More than 17 years in business
- Diversified group of companies
- Team of young and experienced members
- Deep knowledge of various business sectors
- Managing Domestic and Multi-national clients
- History of long customer retentions
- At the forefront of latest and best in technology



Featured Customers

 <p>Aerospace</p>	 <p>Government</p>	ALSTOM	Atlas Copco	BARCLAYS	BERICAP	BRENTWOOD	CEVA	COMPASS GROUP	
 <p>Automotive</p>	 <p>Defense</p>	DIAGEO	DELTRAM	EMERSON	FERRERO ROCHER	Goodyear	Honeywell	iaU automotive engineering	BRUSHLESS MOTORS INDIA PRIVATE LIMITED
 <p>Manufacturing</p>		INDIRA	IndSearch	Informatica	JOHN DEERE	Johnson Controls tyco	KPMG	L&T Heavy Engineering	JSL JINDAL STAINLESS
		L&T Shipbuilding	LTI	MasterCard	METRO GROUP	POSCO	PENTAIR	Sahyadri HOSPITALS	Shankar Packagings Limited
		SCHRADER	SIJORI	SANGHVI INTERNATIONAL UNIVERSITY PUNE	TAL	TATA	THOMSON REUTERS	VW	Stanley Black & Decker
		STATE BANK OF INDIA	INDIAN AIR FORCE	INDIAN ARMY	INDIAN NAVY	DRDO	INDIAN AIR FORCE	THE PRESIDENT HOTEL PUNE	

Enterprise IT Systems

- **Cloud Computing:** Many companies are turning to cloud computing solutions to improve scalability, reduce costs, and increase flexibility. We help them with cloud apps, cloud migration, cloud infrastructure management, and SaaS integration.
- **Artificial Intelligence (AI) and Machine Learning (ML):** AI and ML are becoming increasingly important for companies looking to gain insights from data and automate processes. We provide our expertise in data analytics, predictions, computer vision, natural language processing and other AI and ML applications.
- **Internet of Things (IoT):** IoT technology is becoming more prevalent in a wide range of industries. We provide expertise in IoT device development, IoT platform development, and IoT data management and analysis.
- **5G and Edge computing:** As 5G technology is expected to have a huge impact on many industries, and edge computing is becoming more popular in providing low latency and real-time data processing, we help companies upgrade on 5G network design and deployment, and edge computing solutions.
- **Automation and Industry 4.0:** We provide smart manufacturing and smart factory solutions, including automation design, deployment and integration of Industry 4.0 solutions.

Electronic Product Development

- **Concept Development:** We work with customers to understand their requirements and develop electronic products that meets those requirements.
- **Circuit Design:** We design and develop electronic circuits, schematics and layouts including selecting and sourcing components.
- **Firmware/Software Development:** We develop the software and firmware that will run on and off the product.
- **Prototyping:** We create prototypes of the product for testing and evaluation to validate design and requirement specs.
- **Testing and Quality Assurance:** We test and evaluate the product to ensure that it meets the required specifications.
- **Manufacturing:** Contract manufacturing for medium to large quantities, including sourcing, assembly and testing.
- **Regulatory Compliance:** We ensure that the product complies with all relevant regulatory requirements and safety standards.
- **Support and Maintenance:** We provide ongoing support and maintenance, including providing firmware updates and troubleshooting any issues that may arise.

Software

- Enterprise Resource Planning (ERP)
- Advanced Planning & Scheduling (APS)
- Manufacturing Execution System (MES)
- Warehouse Management System (WMS)
- Human Resource Mgmt. System (HRMS)
- Internet of Things (IoT)
- Accounting & Claims Management
- Transport Management System (TMS)
- Connectors: SAP, Amazon, RazorPay

Hardware

- Machine Vision
- PLCs, Weighing Scale Automation
- Energy Consumption Monitoring
- Biometric Attendance Recorders
- Barcode Scanners and Printers
- RFID / BLE Tags and Reader
- Part Marking Printer integration
- Pick to Light / Put to Light and Bin Tracking
- Wireless SmartTV
- Wireless Andon

Motor Controllers

- BLDC, PMSM and SRM motors
- Design to Manufacturing
- Embedded Software development
- Applications:
 - Ceiling Fan
 - Exhausts
 - Blowers
 - Solar Pumps
 - AGV
 - Electric Vehicles (EV) 2 Wheelers
 - Electric Vehicles (EV) 3 Wheelers

Industrial Systems

- RFID/BLE based Bin Control
- Pick to Light and Put to Light System
- Wireless Andon System
- Machine Data Logger/IoT Board
- Energy Consumption Monitoring
- Radiation Instrumentation
- Microwave Subsystems
- Explosion and Damage Analysis
- MPU Controlled Systems
- High-Speed Data Acquisition Systems
- Signal Processing, PCB Design, Engineering Design, Embedded & FPGA technology

Industry 4.0

- eFactory / SmartFactory
- Machine Vision AI
- Machine Data Acquisition (OEE)
- Workforce Management and Payroll
- Factory Automation
- Predictive Maintenance
- Fleet Management
- Embedded Systems
- Systems Integration

Integrated Systems

- AGV integrated system
- Drone integrated system
- Google Glass integrated system
- Robot integrated system
- PLC integrated system
- Camera integrated system
- SAP integrated system
- 3rd Party Software integrated system
- Telematics integrated system
- Customised Requirements

IT SYSTEMS

Your Enterprise Technology Partner

Your Enterprise Technology Partner

- **Consultancy and strategy:** We work with clients to understand their business needs and provide guidance on technology strategy and solutions that align with their goals.
- **Solutions design and development:** We design, develop and implement technology solutions that meet the client's needs, this includes custom software development, integration of third-party tools, and system integration.
- **Cloud and Infrastructure Management:** We manage, monitor, and maintain client's infrastructure, including servers, storage, and networks, on cloud platforms like AWS, Azure, and GCP, or on-premises.
- **Data management and analytics:** We help clients manage and analyze their data, this includes data warehousing, data mining, and business intelligence.
- **Artificial Intelligence and Machine Learning:** We design and implement AI and ML solutions that can help clients to automate processes, gain insights from data, and improve decision making.
- **Managed Services:** We provide ongoing management and support for client's technology systems, this includes monitoring, troubleshooting, and maintenance services.
- **Training and Education:** We provide training and education for clients' staff on the technology solutions that have been implemented.

Highlights

1. We **Understand Your Domain** / Your Business.
2. We design Productivity-focused **Rich User Interfaces**.
3. We help you look into the future with **AI-driven Predictions**.
4. Our **Low-Code Enterprise-grade Platform** saves time.
5. We provide **Software and Hardware Integrations** for enhanced user experience.

Domain Knowledge

- **Problem understanding:** Understanding your business enables us to relate to the problems that we are trying to solve, and to identify the key requirements and constraints of the problem domain.
- **Design decisions:** Our team can make better informed design decisions, such as choosing the appropriate algorithms, data structures, and software architecture for the problem domain.
- **Communication:** Our team can communicate and engage effectively with your domain experts, stakeholders, and users.
- **Validation:** Helps to validate the software system against the requirements and constraints of the problem domain. This helps to ensure that the software system is working as intended and meets the needs of the users.
- **Maintenance:** Most importantly, we help maintain the software system over time, and to make changes and updates, as necessary. This helps to ensure that the delivered system remains relevant and useful over time.

Rich User Interfaces

- **Improves the user experience:** Visually appealing and intuitive interfaces that are easy to navigate and use thereby improving the user experience.
- **Enhances the product appeal:** Making the product more attractive to potential users and customers thereby improving user acquisition and retention.
- **Facilitates better communication:** Presents information in a clear and visually appealing way, which can help users understand and interact with the product more easily. This improves the user's ability to access and understand the information presented.
- **Increases efficiency:** Make it easier for users to accomplish their tasks by providing them with clear, concise, and well-organized information. This can help increase user productivity and efficiency.
- **Provides better scalability:** Designed to be scalable and adaptable to different devices and screen sizes thereby improving mobile productivity.

Low-Code Enterprise Platform

- Design your **Dashboards**
- Create **Forms**, add/remove fields, create routes
- Build **Reports** from your data and setup auto-email facility
- Manage **Approvals** process through the Workflow Manager
- Background **Schedulers** for task automation
- **Secure** Single-Sign-On and Two-Factor Authentication
- Roles and Permissions based **Access Control**
- **Real-Time Notifications** over Email, SMS, Push (Mobile/Web Apps)

Software & Hardware Integrations

- Deploy systems on **On-Premise, Cloud and Hybrid** environments
- Publish your app on **Smartphones** and **Smart Watches**
- Enhance Safety and Productivity with Apps on **Smart Glasses**
- Fetch data from **IoT Devices** for enhanced end-user experience
- **API**-based integrations and Web-Hooks
- All supported **Legacy Methods** of integrating with 3rd Party Systems
- **Real-time Data Acquisition** from Industrial Machines, Sensors and Equipment
- Ready to handle your most complex **Custom-requirements**

AI, ML and Neural Networks

- **Prediction:**
 - Machine Learning - training models on historical data to make predictions about future events.
 - Neural Networks – predictions using complex mathematical models to identify patterns and relationships in data.
 - Time Series Analysis - analyzing data over time to identify trends and patterns for predicting future values.
 - Decision Trees and Random Forest - using decision tree-based models to make predictions based on input data.
 - Bayesian Networks - using probabilistic models to make predictions based on prior knowledge and observed data.
- **Recommendation:**
 - Collaborative Filtering - analyze data on user interactions and preferences to recommend items from similar users.
 - Content-Based Filtering - analyze data on the attributes of items and recommend similar items.
 - Hybrid Systems - combining collaborative and content-based filtering to make more accurate recommendations.
 - Matrix Factorization - find latent factors through interactions between users and items, to make recommendations.
 - Deep Learning - learn patterns in user and item data, which can then be used to make recommendations.

Contd. AI, ML and Neural Networks

- **Natural Language Processing (NLP)**
 - Word Embeddings - represent words as vectors to analyze and compare meaning of different words and phrases.
 - Named Entity Recognition - identify and extract specific info such as names, dates, and locations from text data.
 - Sentiment Analysis - determine the emotional tone of text data, whether it's is positive, negative, or neutral.
 - Dialogue Management - control the flow of a conversation and respond appropriately to user inputs.
- **Computer Vision**
 - Object Detection - identifying and locating specific objects within an image or video.
 - Image Segmentation - divide an image into multiple regions, that corresponds to a different or part of an object.
 - Image Generation - creating new images or videos based on existing images or videos
 - Image and Video Analysis - identifying patterns and structures in images and videos over time.
 - Face and Object recognition - identifying and recognizing specific individuals or objects in images and videos.
 - Visual Search - allowing users to search for images or videos based on their visual content.

AI for Business

- **Automation:** Automate repetitive tasks, such as data entry, customer service, and financial analysis, that can improve efficiency, reduce costs, and free up employees to focus on more complex and strategic tasks.
- **Predictive analytics:** Analyze large amounts of data and make predictions about future events, such as customer behavior, market trends, and equipment failure.
- **Decision-making:** Help businesses make better decisions by providing them with insights and recommendations based on data analysis.
- **Optimization:** Optimize business processes such as supply chain management, logistics, and manufacturing, that can reduce costs and improve efficiency.
- **Personalization:** Analyze customer data and personalize marketing, sales and customer service interactions, which can improve customer satisfaction and loyalty.
- **Robotics and automation:** Control robots and automated systems, which can improve efficiency and reduce costs in various industries such as manufacturing, logistics, and agriculture.
- **Innovation:** Help businesses develop new products and services, and can also be used to drive new business models and revenue streams.

AI for HR

- **Early warning system:** AI-based algorithms can analyze employee data and identify early warning signs of attrition, such as declining performance, increased absenteeism, or reduced engagement, which can help organizations take proactive steps to prevent turnover.
- **Predictive modeling:** AI-based models trained on historical data such as employee performance evaluations, attendance records, job tenure, and other factors, to identify/predict employees that are most likely to leave the company.
- **Machine Learning:** By using techniques such as decision trees, random forests, and neural networks, models can learn patterns in data that are associated with employee attrition and make predictions about future employee turnover.
- **Natural Language Processing (NLP):** AI-based models can be trained on unstructured data such as employee feedback and exit interviews to identify common reasons for employee attrition and potential red flags.
- **Anomaly detection:** AI-based algorithms can analyze employee data to identify patterns and behaviors that deviate from the norm, which can indicate an employee is at risk of leaving the company.
- **Employee profiling:** AI-based algorithms can analyze data on employee characteristics such as demographics, skills, and job tenure, which can help organizations identify patterns in employee turnover and develop targeted retention strategies.

AI for Manufacturing

- **Predictive Maintenance:** AI-based models can analyze sensor data from machines and predict when they are likely to fail, allowing maintenance to be scheduled before a breakdown occurs.
- **Process Optimization:** AI-based models can analyze data from industrial processes and identify opportunities for optimization, such as reducing energy consumption or increasing production efficiency.
- **Autonomous systems:** AI-based algorithms can enable machines to make decisions and take actions without human intervention, which can improve efficiency and reduce the need for human labor.
- **Quality control:** AI-based algorithms can analyze sensor data and image data to detect defects in products, which can improve quality control and reduce the need for human inspection.
- **Supply Chain Optimization:** AI-based algorithms can be used to optimize the flow of materials and information throughout the supply chain, which can help reduce costs and improve efficiency.
- **Predictive analytics:** AI-based algorithms can analyze historical and real-time data from industrial processes to predict future demand, production and delivery, which can help businesses make better decisions and respond faster to changes in the market.



THANK YOU !!

Teamnet Solutions Pvt Ltd

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