

TECHNICRAFTS SOFT SOLUTIONS LLP



Where knowledge meets Innovation!



www.technicrafts.com

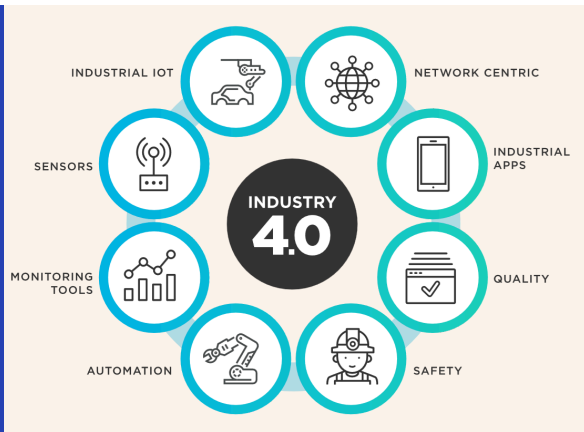
CORPORATE
PROFILE

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ABOUT US



Technicrafts Soft Solutions LLP offers extensive Digital solution in the space of IOT, Big Data & Artificial Intelligence based solution.



We offer end-to-end solution for Environmental monitoring, Industrial digital transformation with Predictive Monitoring. We manufacture our own IOT device which is universally executable. Our team of Software developer has developed a unique platform which helps each customer to transform their processes.

We use the latest edge technology for our software & hardware. Our solutions are designed from the ground up to be flexible to adapt to your terminology, data structures, and processes. It's also why we use a microservice based architecture, so we can expand solution capabilities without disrupting critical business activities.



MISSION, VISION & VALUES



MISSION



To create & establish an organization which fulfills the aspiration of each customer with best-in-class products & services with value for money



VISION



To enhance the business with organic growth & create the sustainable ecosystem by leveraging information technology for innovation



VALUES



Knowledge excellence, Integrity, Passionate, Respect for Individuals & fostering an environment of learning & sharing.



OUR PRODUCTS

ENVICRAFTS

Our company TechniCrafts (<https://technicrafts.com>) is one of the emerging solutions providers in Process Analytics, Environment, and Emission Monitoring & Automation.

Envicraft measures and monitors parameters like COD, BOD, TSS, pH, TOC, Flow & many other parameters.

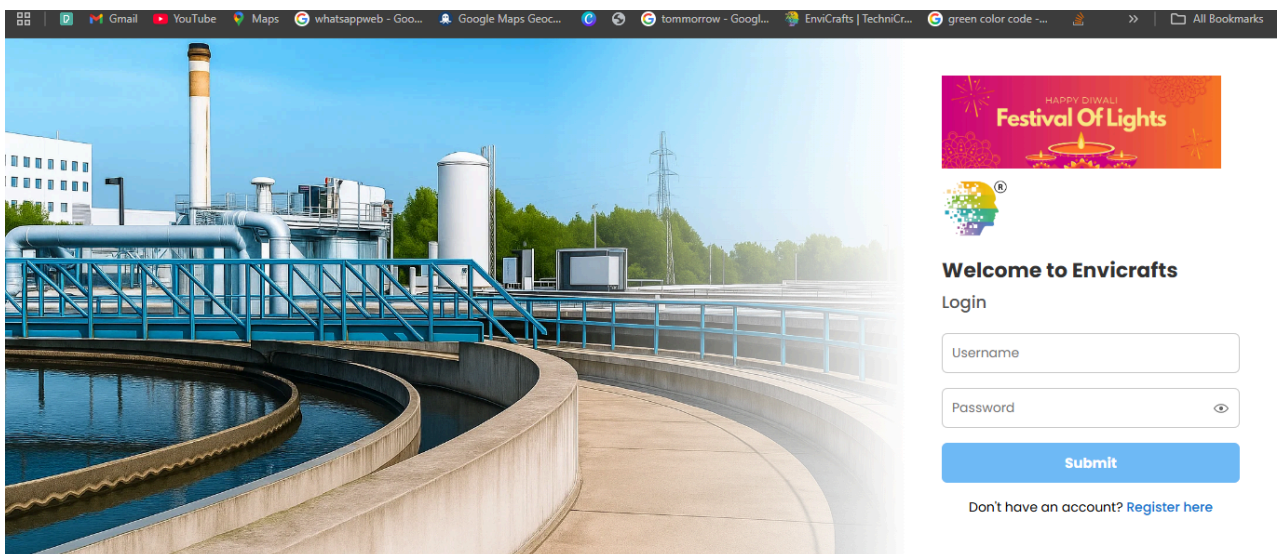
We work around certified analyzers that comply with all the regulations and guidelines of CPCB & SPCB.

We have been working with clients from almost 7+ states in India.

We commit to excellence through Innovation, Agility, and Commitment and to provide our clients with the highest quality products & services.

Features -

- The most effective and crystal-clear way to meet regulatory compliance!
- Complaint with CPCB guidelines.
- Remote Calibration Check and Diagnostics.
- Regulatory reporting.
- Preemptive alerts for preventive maintenance.
- Email / SMS alerts for threshold conditions.
- Data transfer to CPCB and SPCB.
- Plug-in free PTZ camera integration.
- Customized Dashboard





OUR PRODUCTS

ENVICRAFTS

ENVICRAFTS is a powerful, agile, flexible & feature-rich IoT platform that is built to drive accelerated digital transformation for enterprises.

ENVICRAFTS is a highly secure IoT cloud platform that adheres to global & cutting-edge cyber security standards. We follow industry-leading measures to ensure data encryption, network security, server security, data security, application security, etc.

Smart analytics to predict the various failures in steam traps like blow-through, plugged, rapid cycling, flooded, etc. One of the most promising applications of AI in workplace safety is computer vision. This technology can be used for various purposes, such as monitoring employee behavior, detecting potential hazards, and providing real-time alerts.

Features –

- Elog Books
- Predictive monitoring
- Artificial Intelligence with Machine Learning
- Solar Monitoring
- Energy Monitoring
- Combustion Monitoring & Control
- AI based Track & Trace/Smart Factory Solution
- AI based Work Safety Solution
- Digital Twin for industrial 4.0 & 5.0



SERVICES & TECHNOLOGIES

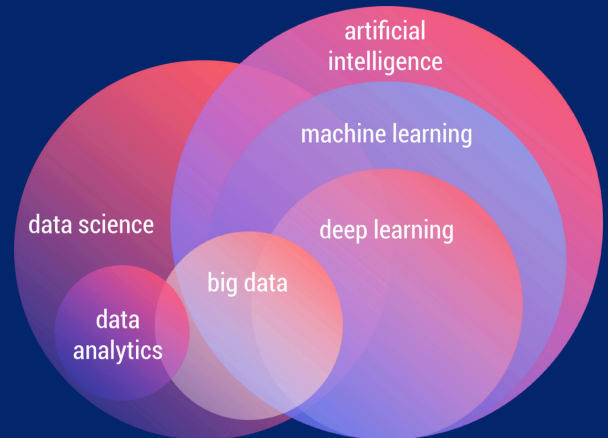


ARTIFICIAL INTELLIGENCE

Artificial Intelligence and Industry 4.0 explores recent advancements in blockchain technology and artificial intelligence (AI) as well as their crucial impacts on realizing Industry 4.0 goals.

MACHINE LEARNING

The machine learning (ML) field has deeply impacted the manufacturing industry in the context of the Industry 4.0 paradigm. The industry 4.0 paradigm encourages the usage of smart sensors, devices, and machines, to enable smart factories that continuously collect data pertaining to production.

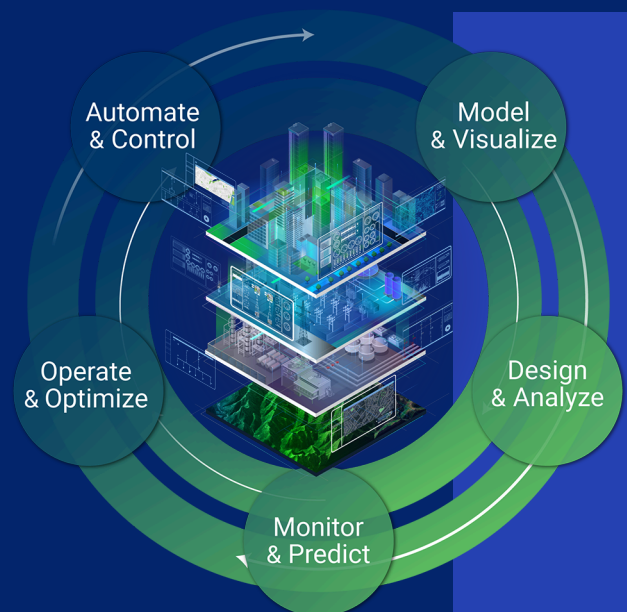


DIGITAL TWIN

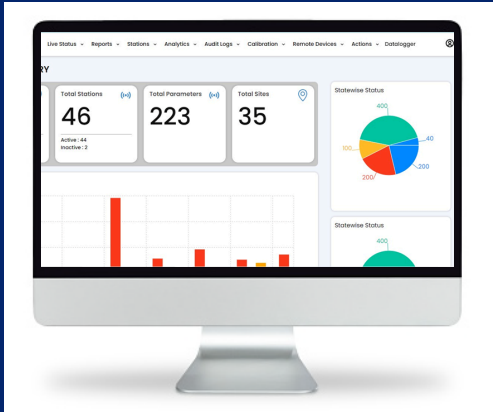
A digital twin can be defined, fundamentally, as an evolving digital profile of the historical and current behavior of a physical object or process that helps optimize business performance. The digital twin is based on massive, cumulative, real-time, real-world data measurements across an array of dimensions.

IT CONSULTANCY

We hire the best talent and helps them thrive even more in the organization. Building a niche IT service provider company solving complex problems in the life science domain. We go beyond the ask to solve our customer business problems and delight them!

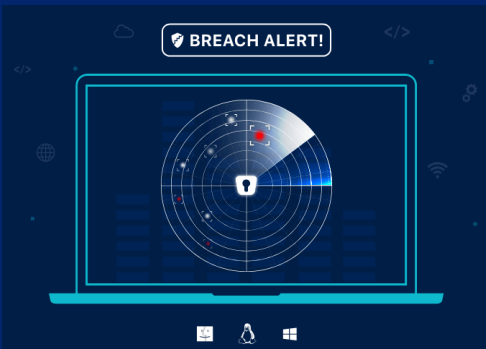


REALTIME ENVIRONMENT MONITORING SYSTEMS



The continuous monitoring system, as a new age technology, not only provides credible and accurate pollution measurement to the operator but also enables them to take mitigation measures on time and helps in process optimization by providing real-time data.

FEATURES



- Compliant with CPCB Guidelines
- Remote Calibration check & diagnostics
- Regulatory reporting
- Preemptive alerts for preventive maintenance
- Email/SMS alerts for threshold conditions
- Data transfer to CPCB & SPCB
- Plug-in-free PTZ Camera integration

Note on CPCB New Guidelines

As per the latest CPCB (Central Pollution Control Board) guidelines, data must be transmitted directly from the on-site datalogger to the CPCB portal. Data sent through vendor dashboards, third-party platforms, or any intermediary software is not allowed.

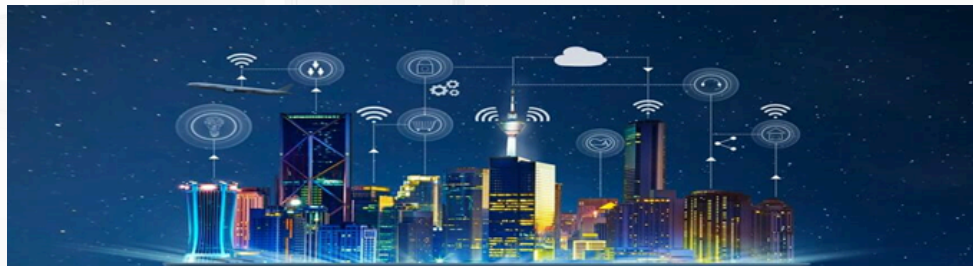
Every existing CPCB-connected client, as well as all new clients, must register on the new CPCB portal. On the registration portal (<https://cems.cpcb.gov.in/#/p/login>), you will find the complete manual and API documentation explaining the registration process and technical requirements for data integration.

APPLICATIONS



INDUSTRIES

- Continuous Emission Monitoring
- Ambient Air Quality Monitoring
- Waste Water Quality Monitoring



SMART CITIES

- Drinking Water Quality Monitoring
- Ambient Air Quality Monitoring
- Noise Pollution Monitoring
- Solid Waste Management



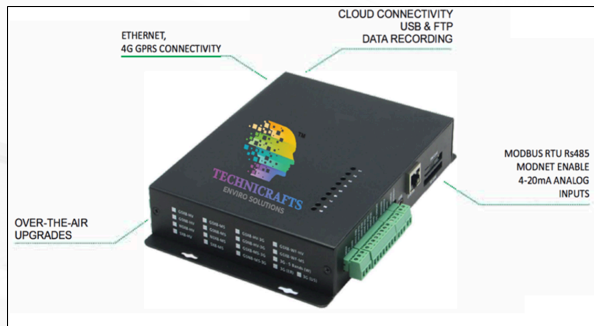
REGULATORS

- Centralized Software For CEMS, AQMS, WQMS
- Realtime Alerts As Per Statutory Threshold





INDUSTRIAL IOT GATEWAYS



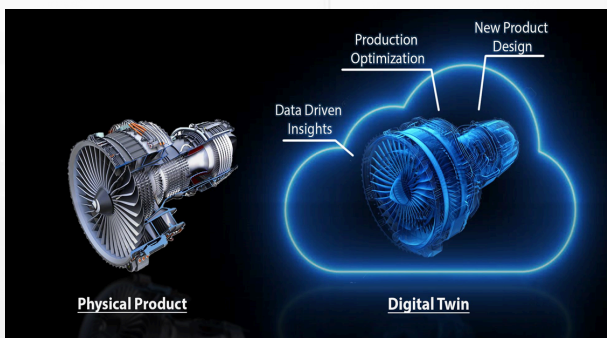
Our data logger offers different Internal product features for our clients that are mentioned below:-

- RS485 Serial Communication P
- 4-20mA
- Relays
- Other serial protocols

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One of the fastest growing products in regards to technological advancement in the AV industry is the PTZ camera. That is because of the recent application of artificial intelligence. The type of artificial intelligence used in these cameras is called computer vision. PTZ cameras are equipped with computers that enable them to efficiently pan, tilt and zoom on command. The computer vision AI trains the camera computer so it is able to perform image recognition which includes human recognition.



The revolution of industry 5.0 means that humans and machines are working together, improving the efficiency of industrial production. Human workers and universal robots are boosting the productivity of the manufacturing industry



OUR VALUABLE CUSTOMERS



METROPOLITAN EXIMCHEM
PVT. LTD.



Varroc Polymers



TATA HITACHI

Reliable solutions



LET'S WORK TOGETHER



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