



Dear Sir,

Established in the year 2000, **JCN Technology Private Limited** has made its presence felt as a one-stop-shop for information and communication technology solutions. We have done our best work in the area of environment and device automation, with the integration of Artificial Intelligence. Our clientele is Effluent Treatment Plants (**ETP**), Sewage Treatment Plants (**STP**), Common and Combined Effluent Treatment Plants (**CETP**), State and Central Governments and Environmental Boards.

JCN Technologies is growing with diversifications from Core IT to **ITES** (Information Technology Enabled Services), **ICT** (Information and Communications Technology) solutions.

Real-Time Environmental Monitoring is used to track factors like light, sound, temperature, humidity, power, water leakage, airflow, smoke and more. The system uses sensors of various types to record this information and display it in real-time on a software interface, allowing you to monitor the critical functions of the total environment to make sure everything is running the way it's supposed to. This leads to cost savings on multiple fronts and more importantly keeps all the human workers safe.

The key benefits of Real-Time **EMS** (Environmental Management Systems) are:

- Enhanced operational efficiency saving time & money
- Risk mitigation through Smart Monitoring
- Identify contamination earlier
- Reduced regulatory & business risks
- Real-time data trends & analysis

The real-time EMS device that will be installed in your facility has the capacity to connect various analogue and digital sensors. The EMS Monitoring Device allows admins to monitor the area through a secure software interface and receive **SNMP** (Simple Network Management Protocol), email, text message or voice call alert notifications when user-adjustable thresholds are exceeded. Along with this, there is a web interface which provides a user with real-time sensor readings. Up to three levels of account access can be granted, ensuring the data is secure.

Reach out to us now to learn more about how JCN Technologies can help you with setting up Real-Time Environmental Monitoring.

We have CPCB (**Central Pollution Control Board**) approved Real-Time Monitoring Application (ETP/Emission Pollutant) with contemporary **IOT** (Internet of Things) / **ICT** / **Web** / **Mobiles** enabled tools, which serves more than 3 Crores Data of Fortune 500 companies, Government, Semi-Government, Public Listed and much more. Few lists are GACL, GSFC, Reliance Industries, IOCL and 55+ SMBs of the Industrial belt of Nandesari to Cambay. We use various modes of approach like direct provider or as Technology Partner of **VECL** (*Vadodara Envio Channel Ltd.*) established Environment Services company, since 1990 of Gujarat Government.





More than 90% Application Data are dependent of Google Big Data and IOT API and thinking to extend predictive analysis using **AI/ML** (Artificial Intelligence / Machine Language).

Further to focus that, we are in **CETP** ERP (Common Effluent Treatment Plant) solution to automate full process with various IOT alerts.

We are also engaged in Foreign Commodity **LME** (London Metal Exchange) / Currency Hedging / Forward Contract solution, which will integrate to existing ERP/SAP for our esteemed client (Apar Industries Ltd 7000+ Crores Turn over), where as huge scope to apply AI/ML to cope up with National Power-Infrastructure initiative/policies.

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