

IoT Based Disinfection System



STERIFLO

ON-SITE BRINE ELECTRO-CHLORINATION SYSTEMS

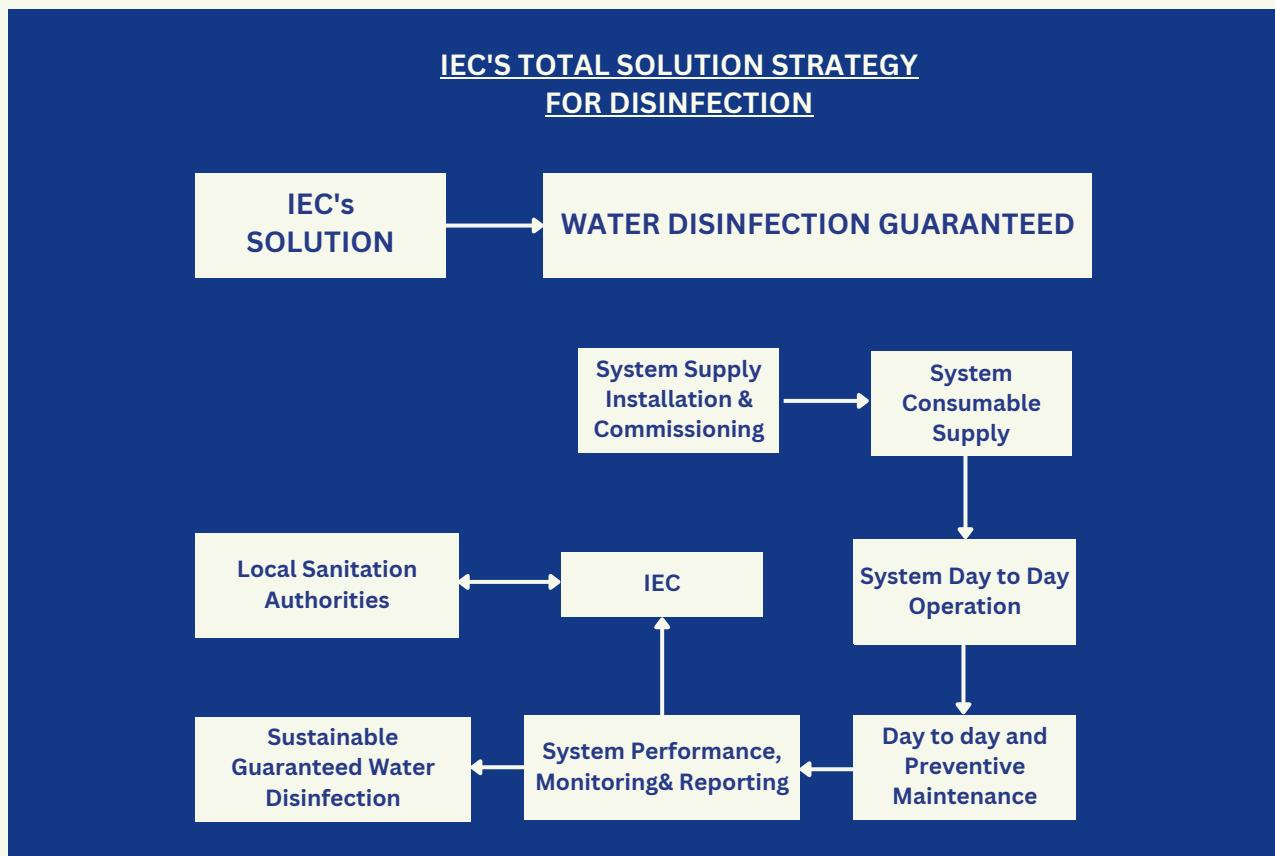
ABOUT IEC

With nearly sixty years of excellence in the design, manufacture & supply of water disinfection and drinking water treatment plants, we bring to you Onsite Brine electro-chlorination technology with worldclass construction and quality standards. Our Onsite Brine Electro-Chlorinators are capable of generating potent disinfectant and dose in local water main at OHT inlet/outlet to ensure distribution of safe drinking water.

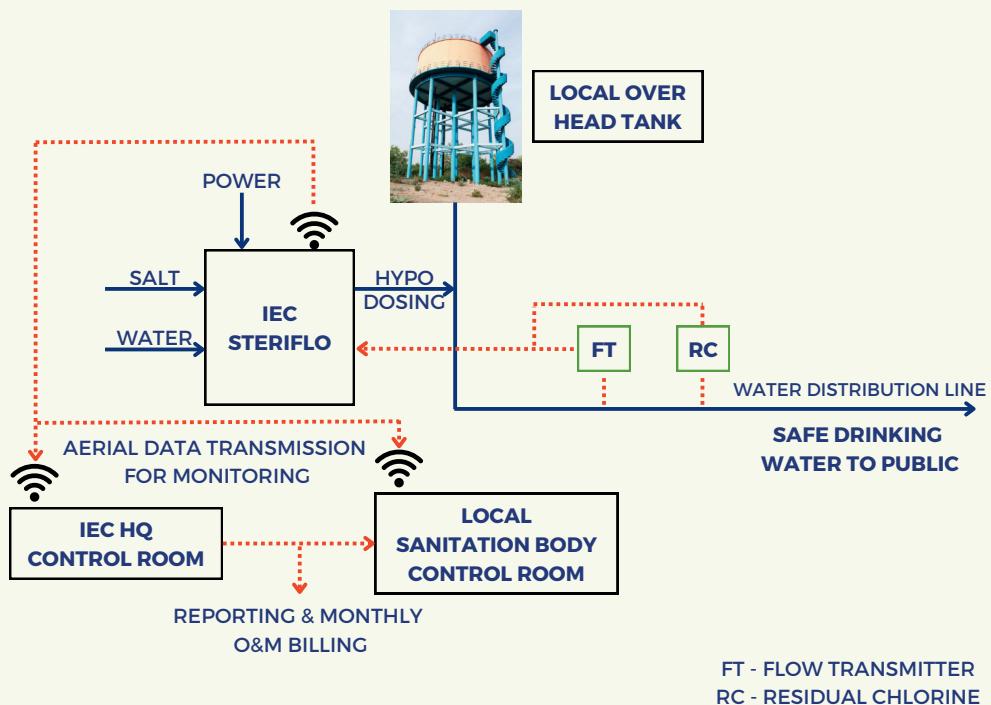
STERIFLO complies with the requirements of **Government of India – Jal Jeevan Mission**

WHY STERIFLO ?

On-site sodium hypochlorite (NaOCl) generation by brine electro-chlorination is a safe and reliable method for disinfection of water. The key raw materials for sodium hypochlorite production are Common salt, Potable water, Single Phase Power Supply. Data collected on flow and residual for a set of population in a distributed circle will be available for analysis of Performance and Impact.



IOT - Disinfection System Configuration



Design & Safety Features



IOT Based System " Data Aerial Transmission " for Reporting Flow & Residual Chlorine in Daily/Weekly/Monthly



The entire electrolyzer system is housed in a safe chamber.



Advanced cell design ensures proper production of chlorine.



Process safety instruments with electrical interlock.



Hypo tank level controller controls the dosing facility.



Operational Log & Performance feedback report daily by Email to select list of Customer ID's.

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Powering Option:

Hybrid - Grid+Solar
powered systems
with battery backup

Stand alone - Grid
powered systems



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