

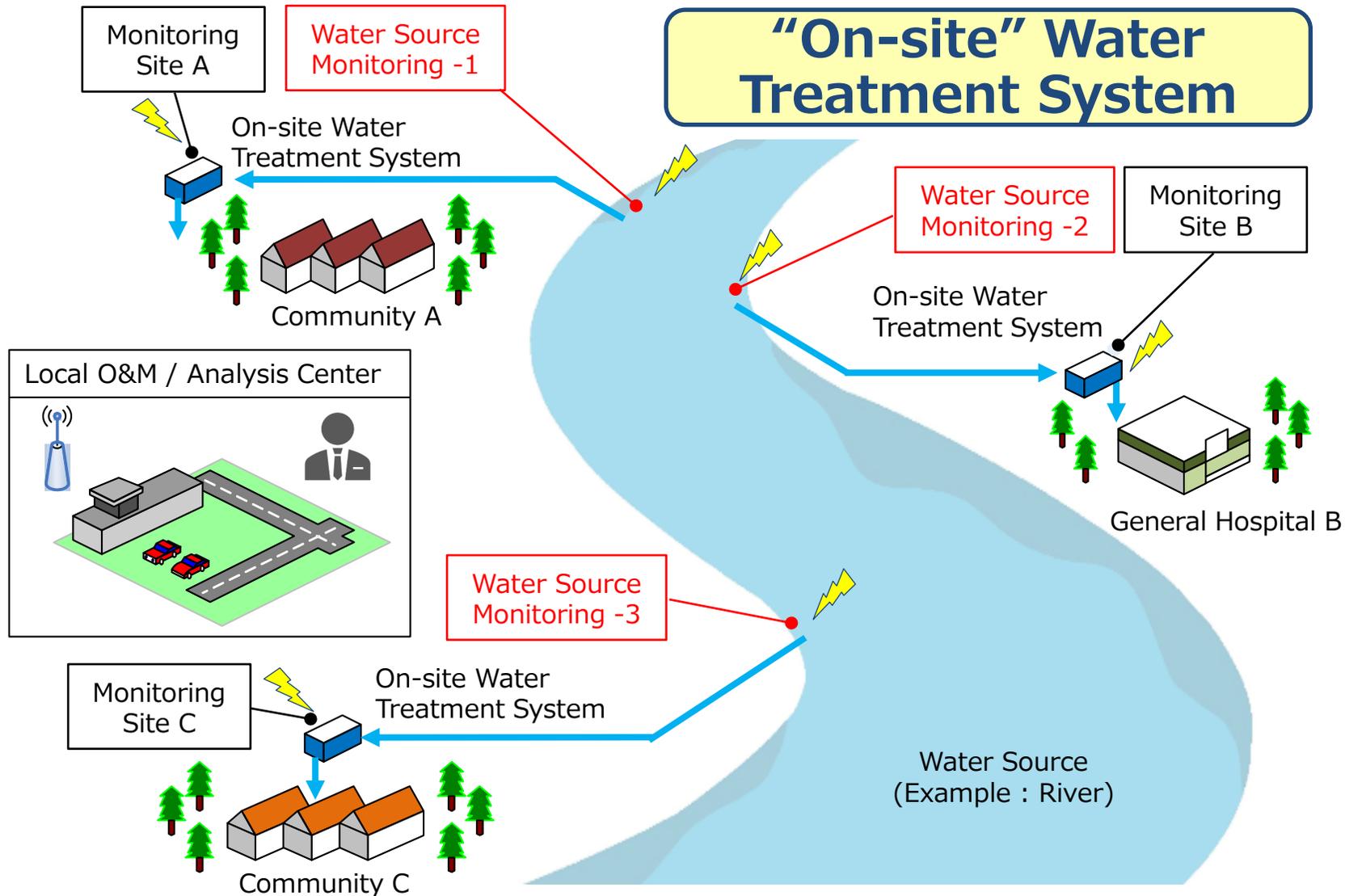
**MITSUBISHI CHEMICAL**  
**AQUA SOLUTIONS**

# We are . . .

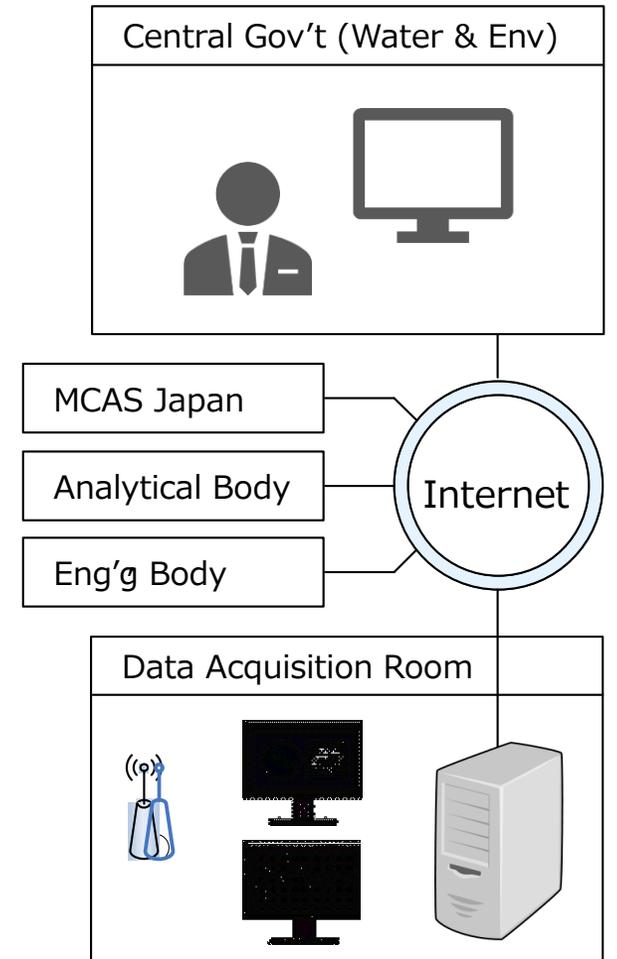


Company Name	Mitsubishi Chemical Aqua Solutions Co., Ltd. ( "MCAS" )
Headquarters	Tokyo, Japan
Scope of Business	Water treatment related work ① "On-site" Water Treatment System ② Remote Monitoring System (WeLLDAS™)

# Concept of Our Business



## Remote Monitoring



# 1. “On-site” Water Treatment System

Any water source is acceptable :

City water, groundwater & surface water

Safe and stable water supply :

By using remote monitoring system etc.

Custom-designed system

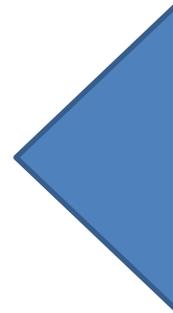
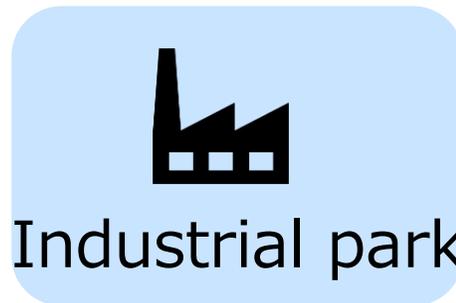
JICA project →

Pilot Survey for Disseminating SME's Technologies for Community-based Water Treatment & Supply System Using Solar Energy Oct. 2013 ~ Sep. 2016

About JICA <https://www.jica.go.jp/english/index.html>



# Target Industries?



## Purpose



# Ref. 1 Vietnam/ Hospital



**Municipal Water  
to Drinking Water**



Process: Chlorination → Rapid SF → AC → UF (20m<sup>3</sup>/D)

# Ref. 2 Myanmar / River Water Desali.



**Treatment of Salinity  
+ High Turbidity**



Process: Submerged UF → RO membrane (Pilot)

# 2. Remote Monitoring System

## WeLLDAS™

Easy access

Local SIM cards

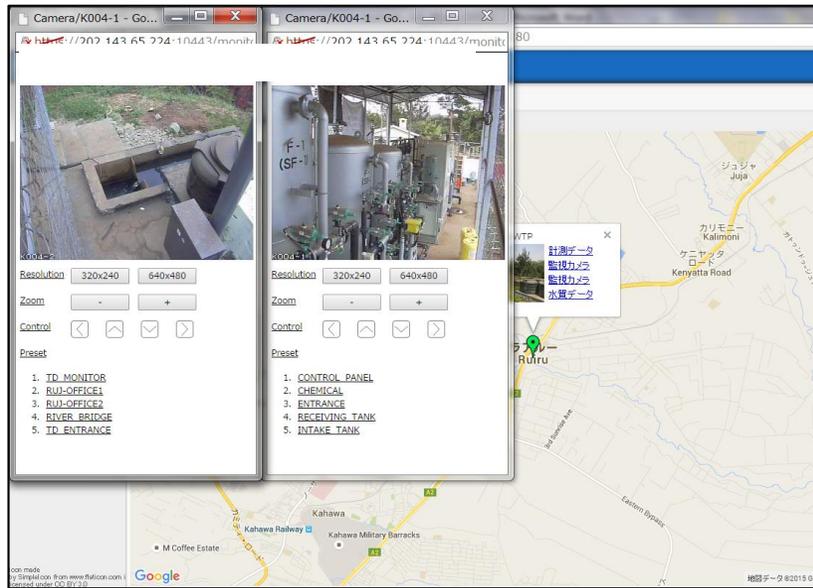
Highly secured

Optimizes maintenance

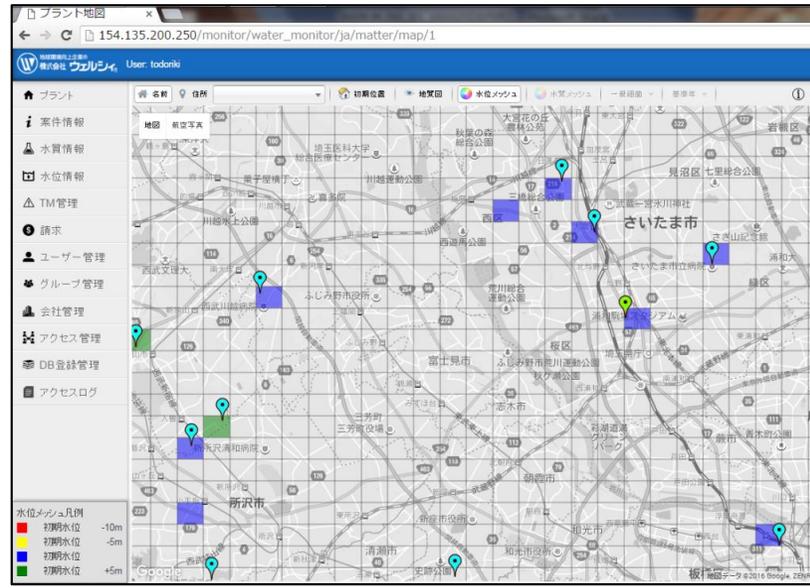


# What can WeLLDAS™ monitor?

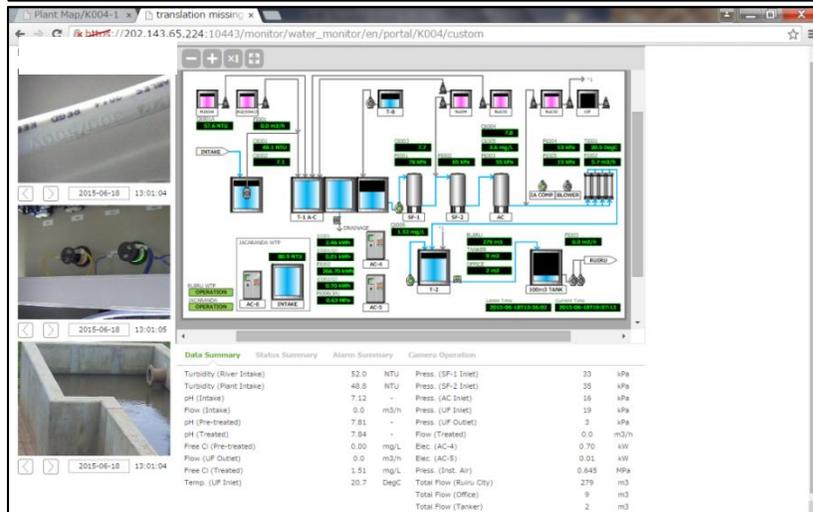
Real-time Video Monitor



Water Level Monitor



Monitoring Display



Operational Trend Display



# Ref. 1 Groundwater Monitoring



**Groundwater Level  
+ Elec. Conductivity**

# Ref. 2 Wastewater Monitoring

Monitoring in a Package!

pH

COD

TSS

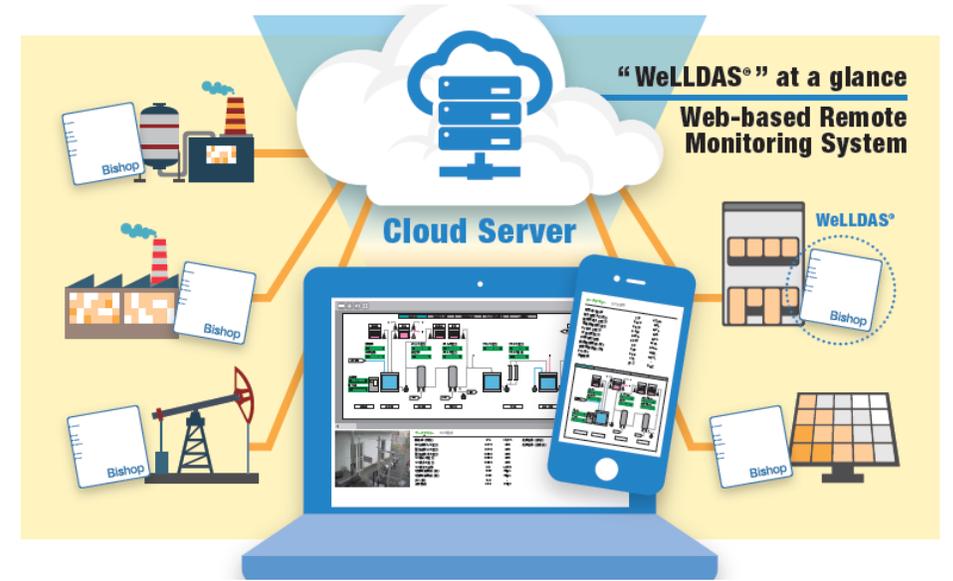
EC

Flow rate

Water temp.



# “On-site” Water Treatment System



WeLLDAS™

# Remote Monitoring System

Thank you for your attention!



For further information, please feel free to contact  
**Mitsubishi Chemical Aqua Solutions!**