

DISTRIBUTION MONITORING & CONTROL CENTER WE SERVE 24/7



PALYJA



Started from 2007, data from Topkapi/Scada system acqisitioned and stored by Long Term Data Base (LTDB application) for analysis and generates the automatic report

DMCC sends information through DMCC Application which online integrated with FRONTLINER Application in Customer Care for complaint handling.

PALYJA is using TOPKAPI application to monitor and control quantity, quality & electricity for Production, Transmission, Distribution, and Booster Pump. TOPKAPI provides online & real-time data to speed up respond time to solve problem.

SCOPE MONITORING 550 POINTS

Water Treatment Plant (WTP)

- **Raw water: Quality** (Turbidity, pH, Conductivity, Ammonium); **Quantity** (Flow & Pressure)
- **Production process: Quality** (Chlorine, Turbidity, pH).
- **Electrical data: Electricity** (Accelerator frequency, Power monitoring at PJP 1 for distribution pump; power monitoring at PJP 2 for incoming PLN).
- **Treated Water: Quality** (Turbidity, pH, free chlor, total chlor); **Quantity** (Flow, Pressure, Totalizer, on/off pump status, Reservoir & Kelder level).

Transmission

- **Transmission mains: Quantity** (Flow & Pressure).
- **Permanen Area Inlets: Quantity** (Flow & Pressure).

Booster Pump

- **Booster pumps: Quantity** (Flow, Pressure, Reservoir level & on/off pump status).

Distribution

- **IRP (Indicator Recovery Point)** : Quantity (Pressure).

SCOPE OF CONTROLLING (7 LOCATIONS)

- **Water Treatment Plant Pejompongan 1:** Backwash and Desludging.
- **Booster Pump:** Remote operation of BP Daan Mogot, BP Gedong Panjang, BP Jembatan Besi, BP Grogol, BP TB Angke, BP Gatot Subroto.