



TERASAKI Marine Information Platform

Utilize Data with **Plus 1** !



Integrated Control & Monitoring System

**TERANET 50X**

Computer Certified for Ship's Classification

**Marine Computer**

- ✓ Easy Installation : Data can be collected by adding one computer
- ✓ Easy Commissioning : No commission requires for TERANET50X and TMIP
- ✓ Easy Reporting : Supports report output for environmental regulations
- ✓ ClassNK IE Certification : Certified Innovation Endorsement (IE) Products & Solutions



# Function

01

## Collection

- ✓ Sensor : 4-20mA, PT100, ON/OFF etc...
- ✓ RS485 : Modbus-RTU, IEC61162
- ✓ Ethernet : Modbus-TCP, ISO19848, IEC61162, FTP, e-mail

03

## Output

- ✓ Protocol : FTP, HTTP, SMTP
- ✓ File format : CSV, XML, JSON

02

## Storage

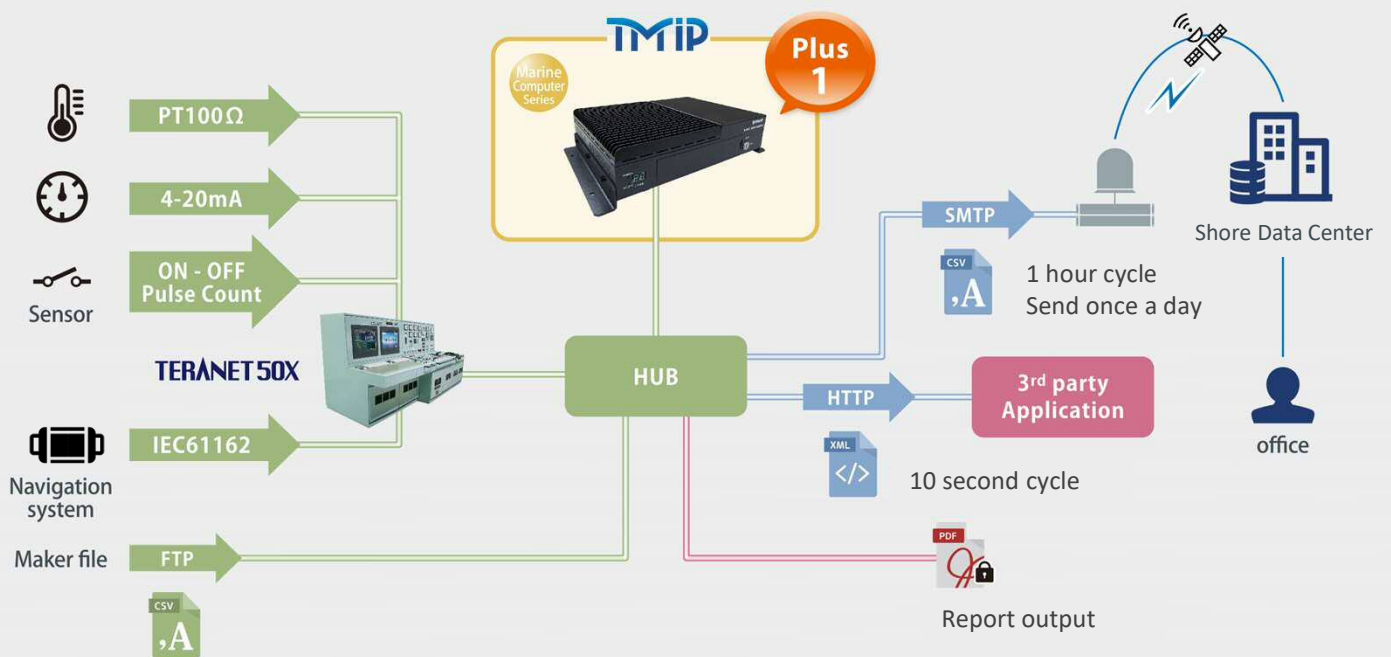
- ✓ Minimum sampling rate : 1sec
- ✓ Store the data every application
- ✓ File saving triggered by state change of measurement point

04

## Application

- ✓ Create report
- ✓ Voyage data visualization
- ✓ Analyze and calculate the time series data

# System Configuration



IoS-OP Platform Provider

**TERASAKI ELECTRIC CO., LTD.**



Head Office 6-13-47 Kamihigashi, Hirano-ku, Osaka 547-0002, Japan <https://www.terasaki.co.jp/>  
 Osaka Sales Office 6-13-47 Kamihigashi, Hirano-ku, Osaka 547-0002, Japan TEL +81-6-6791-2790  
 Tokyo Sales Office Nikko Kayabacho Building 5F, 1-6-10, Kayabacho, Nihonbashi, Chuo-ku, Tokyo 103-0025, Japan TEL +81-3-5644-0150  
 Kyusyu Branch Office 3798-4 Kubara, Yamashiro-Cho, Imari-City, Saga Pref 849-4256, Japan TEL +81-955-28-3700