

**SCADA SOFTWARE PACKAGE
FAST/TOOLS R9.05**



New Functions for Mobile Devices

The FAST/TOOLS is a supervisory control and data acquisition (SCADA) software package mainly for large-scale, widely distributed applications. The FAST/TOOLS gathers data from remote terminal units (RTU) such as FCN/FCJ STARDOM controllers, in order to accumulate and monitor the data.

The latest FAST/TOOLS R9.05 features new functions required at sites, such as remote monitoring, integrated monitoring, monitoring through mobile terminals, and the communication protocol conforming to the international standard IEC 61850.

One of the new functions, that of monitoring through mobile terminals, is described below.

FEATURES

■ Monitoring through smartphones or tablets

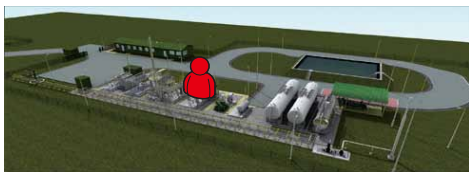
Graphic screens for monitoring and operation of real-time process data can be displayed on mobile devices such as smartphones and tablets, e.g. iPhone, iPad and Android terminals.

■ Graphics display applying HTML5 and SVG

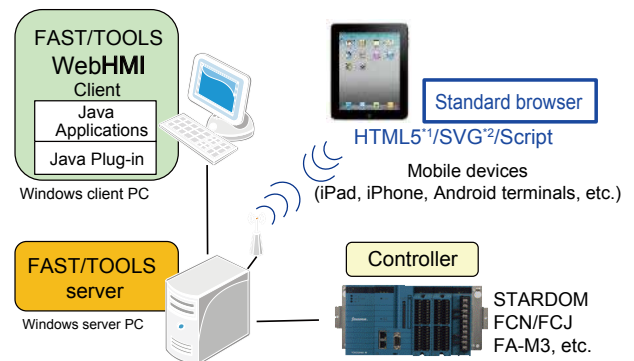
The same monitoring and operation screens as in control rooms can be displayed on smartphones or other mobile devices. Of course, small screens dedicated for mobile devices can also be configured.

■ Improved maintenance work utilizing the GPS

The GPS function embedded in mobile devices can be utilized for improving operational efficiency. For example, mobile devices can automatically display maintenance information around their current locations.



When displaying on mobile devices, graphic data of the FAST/TOOLS are converted into HTML5 format and thus can be displayed on any HTML5-compatible browsers including Safari or Opera.



Typical system configuration

APPLICATION EXAMPLES

■ For customers who:

- want to monitor sites easily even while moving,
- have difficulty with shortages of experienced plant engineers,
- want to operate at sites while watching the monitoring screen,
- want to improve efficiency of field maintenance work, and
- want to quickly respond to emergencies at night and on holidays.

■ Examples of Solutions

- Monitoring through smartphones or a tablet PC
- Operating widely distributed factories by a small number of experienced operators
- Monitoring and operation at sites, inside and outside of the sites, and from remote locations
- First-aid action from remote locations

Contact us:

To Yokogawa Japan:

<http://www.yokogawa.com/iab/contacts/iab-contactus-index-en.htm>

For worldwide locations, please see the back cover.

FAST/TOOLS is a registered trademark of Yokogawa Electric Corporation. Other brand names in this page are the trademarks or registered trademarks of each company.

*1 HTML5 is the latest version of HTML for Web browsers. This new version features multimedia support, device access, SVG, and other functions.

*2 Scalable Vector Graphics (SVG) is vector image format described in XML. Enlarged images can keep outlines smooth.