

IoTstar: IoT Cloud Management Software

IoTstar is a software developed by ICP DAS that functions as an unit for use in remote monitoring and management of WISE-52xx in a variety of industrial applications. IoTstar offers a user-friendly and intuitive Web interface that allows users to implement system setting and monitoring on the remote WISE-52xx controllers by a few clicks; no programming is required.

After the Network connection is built between the remote WISE-52xx controllers and the IoTstar via the Ethernet/3G Network interface, the IoTstar can then communicate with the remote WISE-52xx to implement the System Setting /Status Monitoring (even the WISE-52xx is in the Private IP Domain configuration, for example : Locate behind the Firewall or occupy the Dynamic Virtual IP setting).

With the microSD card, WISE-52xx can provides the Data Logger function to real-time record data of the Sensors and I/O modules and sends the data log files back to the IoTstar via FTP protocol. When the IoTstar receives these data log files from the remote WISE-52xx controllers, it will import the content of these files into the Database. And then these recorded data can be directly retrieved from the Database for future information analysis by the SCADA software, Data analysis tool (for example: Microsoft Power BI, Google Data Studio) or Cloud Service.

IoTstar can be installed on a general PC platform as a Private Cloud system. It also can be installed on Microsoft Azure, IBM Bluemix or Amazon AWS..etc as a Public Cloud system. By using IoTstar and WISE-52xx, it is easy to build a Remote Monitoring and Management IoT Cloud system, during the whole process of system development, no programming is required; by a few settings of WISE-52xx and IoTstar; the user could quickly integrate the sensor and I/O module data with the IoT Cloud system. It is an easy-to-use and easy-to-build IoT Cloud solution for the IoT (Internet of Things) and Industry 4.0 applications.

Feature:

- ★ Enables the remote monitoring and management of the controllers via user-friendly and intuitive Web page interface.
 - ★ Receive the data log file of the sensors from the remote controllers and import the content of the data log file into the Database (My SQL or MS SQL).
 - ★ By Database interface, it is easy to integrate with SCADA, Microsoft Power BI, Google Data Studio or Cloud Service to retrieve the data of the Sensors directly from Database for future data analysis.
 - ★ Support Windows system (Windows 7/8/10, Windows Server) for the Private IoT Cloud Solution.
 - ★ Enable the installation on Microsoft Azure, IBM Bluemix and Amazon AWS for the Public IoT Cloud Solution.
- p.s.Currently support WISE-5231, WISE-5231M-3GWA, PMC-5231 and PMC-5231M-3GWA controllers.

