





## MAXLINK Release 6

MAXIMO is an Enterprise Asset Management (EAM) system used by business, government, and other organizations to maintain their high value capital assets, such as facilities, systems, and production equipment. Designed for mission-critical situations, MAXIMO links labor, equipment, and parts for more efficient planning and monitoring of maintenance activities. MAXIMO can help maximize equipment uptime and reduce maintenance costs.

**MAXLINK** unites MAXIMO® Enterprise Asset Management (EAM) system with Distributed Control System (**DCS**), Building Management system (**BMS**) and or Supervisory Control and Data Acquisition (**SCADA**) for effective and economical maintenance of your facility. The product includes **MAXLINK** interface software, and consulting and customization services.

## Capabilities

**MAXLINK** seamlessly integrates the DCS/BMS/SCADA data collection features with the asset maintenance features of MAXIMO to provide timely preventive and emergency work orders for your high value capital equipment.

**MAXLINK** is designed to collect running hours , number of starts /stops and many other meters or measuring points such as ( Heat , Temperature , Pressure , Vibration , ...) from various equipments, such as pumps, motors, and compressors, these data can be passed to other systems via Dynamic Data Exchange (DDE).

**MAXLINK** Process received data and updates the appropriate MAXIMO Assets records. When the Meter of the Asset has reached manufacturer- or user-specified settings and generates a preventive maintenance work order.

**MAXLINK** also has the ability to process preset alarm conditions and generate emergency work orders when readings fall outside specified levels.

Once in operation, **MAXLINK** requires no user interaction.

**MAXLINK** generate an automatic data processing log report based on a pre-defined schedule, this report indicate any errors happened while **MAXLINK** Process the received data.

**MAXLINK** is ready for interfacing with the main player of **DCS, BMS & SCADA**





## How the Interface Works

**MAXLINK**, an optional, add-on enhancement to MAXIMO, ready to Manage Assets Alarms, Meters reading and Measure points from **DCS, BMS & SCADA**

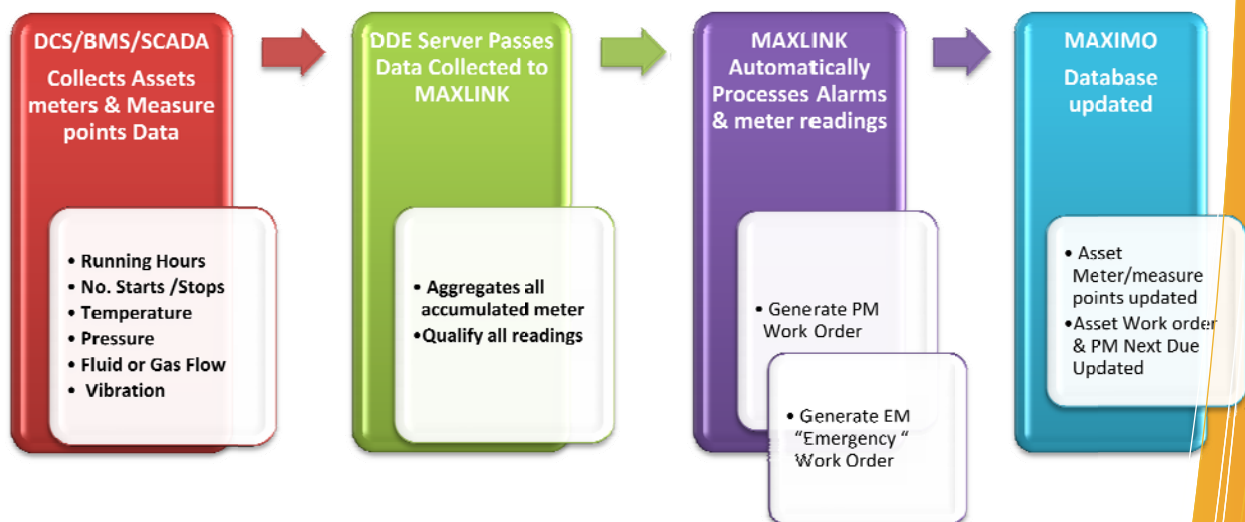
**MAXLINK** processes these Data and takes appropriate preventive or emergency action.

**MAXLINK** receives Assets meters & Measure points such as (running hours, No. of Starts / Stops, Flow, Pressure...) data collected by DCS/BMS/SCADA. This data includes Assets identification, meter readings, and alarms. **MAXLINK** processes these data and updates the appropriate MAXIMO asset records. When the run time of the equipment has reached manufacturer- or user-specified settings, **MAXLINK** generates a preventive maintenance work order.

**MAXLINK** also has the ability to process preset alarm conditions and generate emergency work orders when readings fall outside specified levels. **MAXLINK** automatically prints out emergency work orders so that maintenance personnel can take immediate corrective action to alarm conditions.

Once in operation, **MAXLINK** requires minimal user interaction.

**MAXLINK** automatically processes messages received from **DCS, BMS & SCADA**. Processing of data includes filtering, reformatting, and redefining data structures; validating and updating transaction tables and MAXIMO tables; and generating all necessary work orders required.



## About FuTech - Egypt



**FuTech - Systems** is a privately held of end—to end comprehensive software solutions for the infrastructure lifecycle. We believe in the vital role that infrastructure must play both in sustaining society and in sustaining the environment. **FuTech - Systems** Provides proven applications & Services that help engineers, architects, contractors, governments, institutions, utilities and owner-operators design, build, operate & maintain more productively, collaborate more globally and deliver infrastructure assets that perform more sustainably.

Contact Details:-

email :- [eelabd@futech-eg.com](mailto:eelabd@futech-eg.com)

[www.futech-eg.com](http://www.futech-eg.com)

54 Al Saydah Khadejah St. Al Sefarat

Area, Nasr City, Cairo – Egypt

Tel.: +20 (2) 22749132

+20 (2) 22749168

Fax: +20 (2) 22734418