

What is MAPDM?

MAPNA Diagnostics & Monitoring tool

Almost in every domain it is of importance to be aware of live computers and processes running on them. The main goal of this software is to monitoring some machines by their IP and reporting some specifications about them, specifications such as: Mac address, hostname and computer name (any / all), status of a specific process and field devices as well.

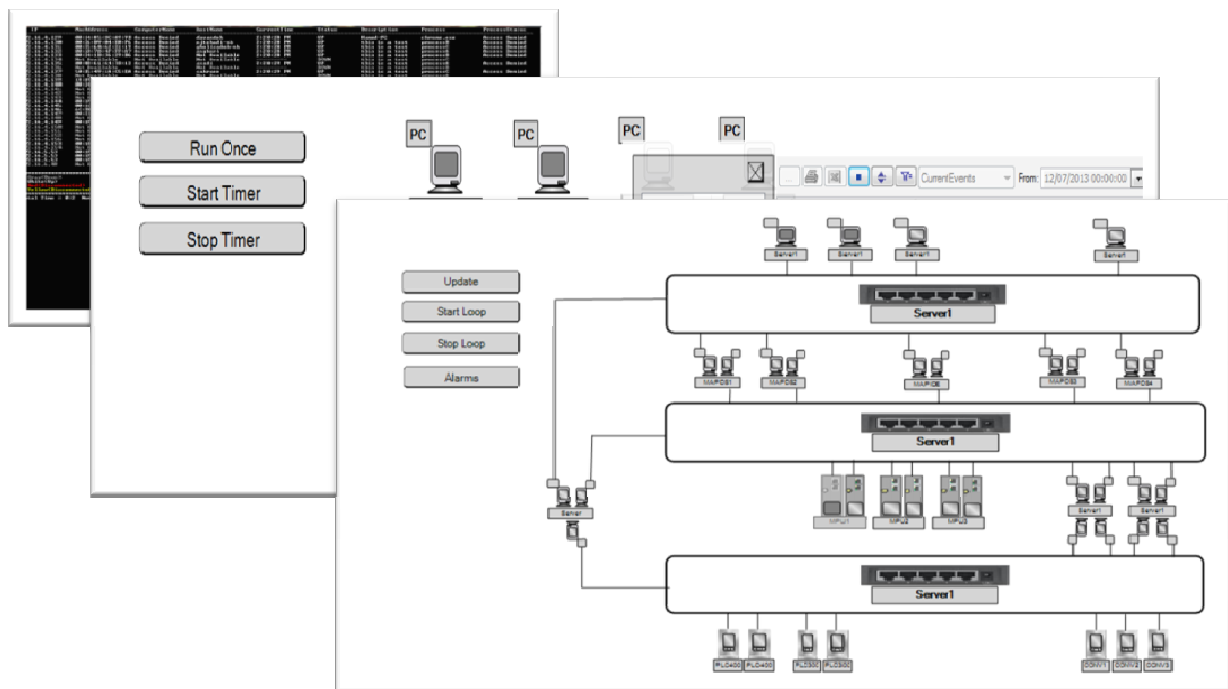
MAPDM is added to the state-of-the-art MAPNA DCS product named MAPCS, and effectively integrated into MapView+ (Human Machine Interface) Software. This product will be shipped along with MAPCS control system in a stand-alone diagnostic and monitoring station. MAPDM is an important part of MAPNA portfolio's added-value services. By this, end-users can solve major percent of all alarms remotely without a service team doing trouble-shooting onsite.

Features

- ▶ Fast enough to search over IPs
- ▶ Takes full advantage of the MAVIEW software functionalities: Reporting, Event Viewer, Trend Viewer
- ▶ Displaying appropriate color based on each machine's prior & current status
- ▶ Configurable allocation of IPs per Thread
- ▶ High Stability thanks to Thread Safe Design
- ▶ Configurable authentication
- ▶ Component based design (reusable for other projects)
- ▶ Supporting SNMP protocol
- ▶ Based on the latest technology: Microsoft .NET framework

MAPDM Version History

Title	version	date
MAPDM Console Application	V1.0	2014/06
MAPDM integrated into MAPCS MapView+	V2.0	2014/09
Focused on diagnosing field devices and more monitoring symbols added	V3.0	2015/01



Sample Projects

- Monitoring Najaf Power Plant DCS
- Monitoring MAPCS Laboratory and Testing DCS