

# Facility Automation™

**MEGAFLEX**  
Engineering Software Systems

*Facility Automation™* provides the design, construction and verification teams with the software features to effectively manage and document the facility implementation plan. *Facility Automation* is designed to provide and bring together the design documents created for a project, record and track the completion of construction activities, and provide a document trail for the implementation of the final facility checkout and verification. In addition, *Facility Automation* can be turned over to the maintenance group to provide an effective fully documented preventive maintenance software

## overview

**Facility Automation can be used with the following systems:**

**Instrumentation (ISA S20 Standards)  
Fire and Life Safety  
Integrated Security  
Electrical & Mechanical Systems  
System Summaries**

During the design and documenting phase of a project, you are able to create lists and specification data sheets for most devices and equipment to purchase and provide document cross referencing for drawings and specifications. During the construction phase, you are able to document installation progress and calculate a percent complete for the project construction to measure

progress. During the checkout and punch list phase, you are able to document all punch list items and track them to completion along with a percent complete report to measure progress. During the verification phase, you are provided with "Installation Test Case" documents to record and date each item within the system per regulatory requirements. With the "System - Installation Test Case" you are able to effectively document each test verification and obtain a percent complete for each system. Once "turn over" is complete for all systems, you can turn the *Facility Automation* software over to the new residences and they have a completely documented facility with several preventive maintenance modules included to maintain the operation of the facility.

## features

The *Facility Automation* software includes an easy to use operator interface to add projects, utilities to backup and restore data and import and export data to various file formats. The operator interface provides mouse click operation to select a project, pick lists of items for quick access to previously entered data, type ahead features on selected field for quick data entry, duplicating features to quickly create

parameters and tags, password protection levels for secure access and data editing, data interaction programmed between database tables and much more for data validation and consistency.

Displays are included to provide the ISA-S20 instrument specification standard as well as generic specification formats for a user to design their own format.

### contact us:

Megaflex, Inc. PO Box 26711  
email: megaflex@bellsouth.net

Greenville SC 29616  
www.megaflex.com

P 864.627.7712 F 864.627.7974

# summary

*Facility Automation* can be used by both design engineers, construction managers, verification teams and plant maintenance personnel to document and manage the information for the various systems within a facility.

- ✓ Easy to Learn
- ✓ Point and click interface
- ✓ No programming required
- ✓ Fully interactive data handling
- ✓ Data utilities for backup/restore/import/export
- ✓ Report filter and sorting selections
- ✓ User designed specification data sheets for instrumentation and other systems
- ✓ Primary "Installation Test Case" Forms included
- ✓ User created "Installation Test Case" Option link available
- ✓ Preventive maintenance module to provide period maintenance of systems and devices after turnover.

## Software Licensing

Stand alone single user

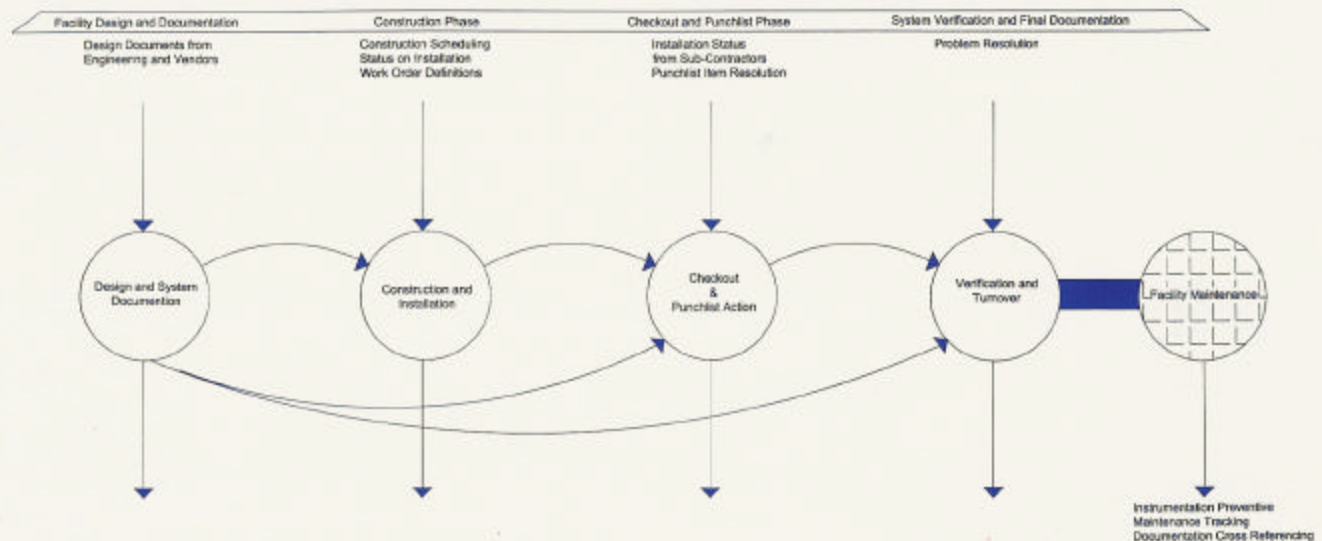
Network multi-user systems (3, 5, 10 or 15)

(Each license comes with dongle key for access)

## System Requirements

Windows® 9x/NT Compatible

### Facility Design - Construction - Checkout - Verification



### Facility Automation Software Interface

Index of Devices  
Purchase Specification for Devices  
P.O. Tracking  
Cross References

Work Order Status Logging  
Construction Status-W.O.  
Construction Status-Device  
Percent Complete by W.O.

Punchlist Logging  
Punchlist Document Management  
Completion Status by Area  
Completion Status for Project

Device Test Form Verification  
System Test Form Verification  
Turn Over Document Verification  
Defined Percent Complete by System