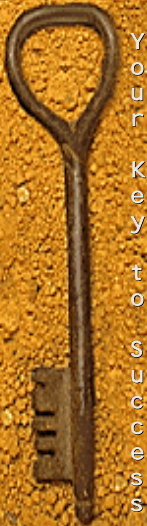




Management Information

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Win M I S
for
Process Plants



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Management Information

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 Objectives

 Overview

 Functionalities

 Interfaces

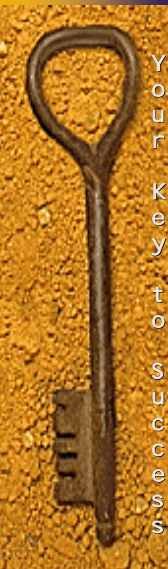
 Performance Parameters

 Application Advantages

 User Gains

 Services

 Your Key To Success

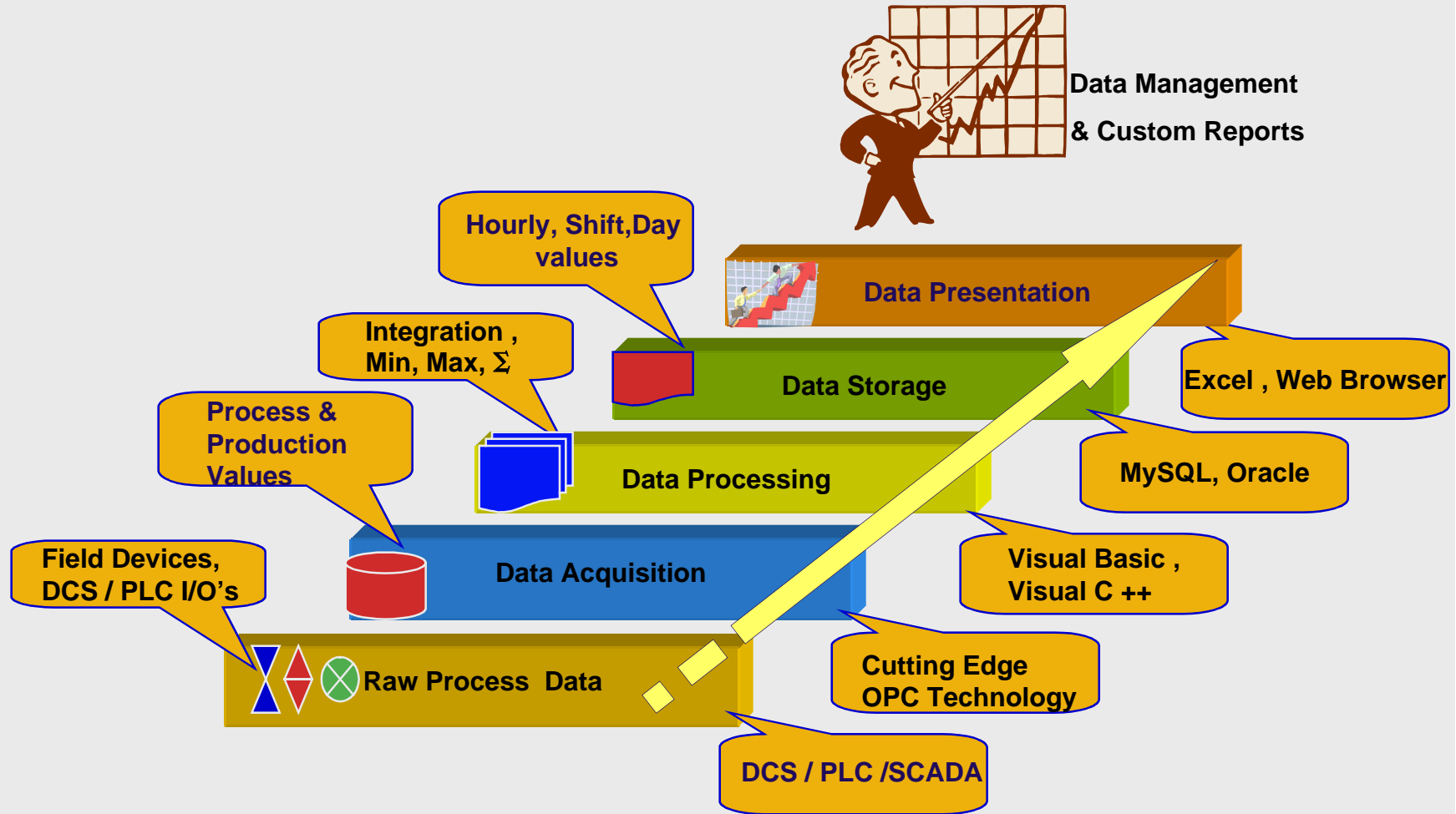


Management Information

- Raw Data Access from Field Devices & Equipment via I/O's of DCS / PLC
- Data Acquisition via DCS / PLC Automation via OPC Technology
- Data Processing of Process & Production parameters via 3GL applications
- Storage of acquired Process / Production Data using MySQL / Oracle
- Presentation to Management as Custom Reports
- Remote access of Custom Report via Web Browsers



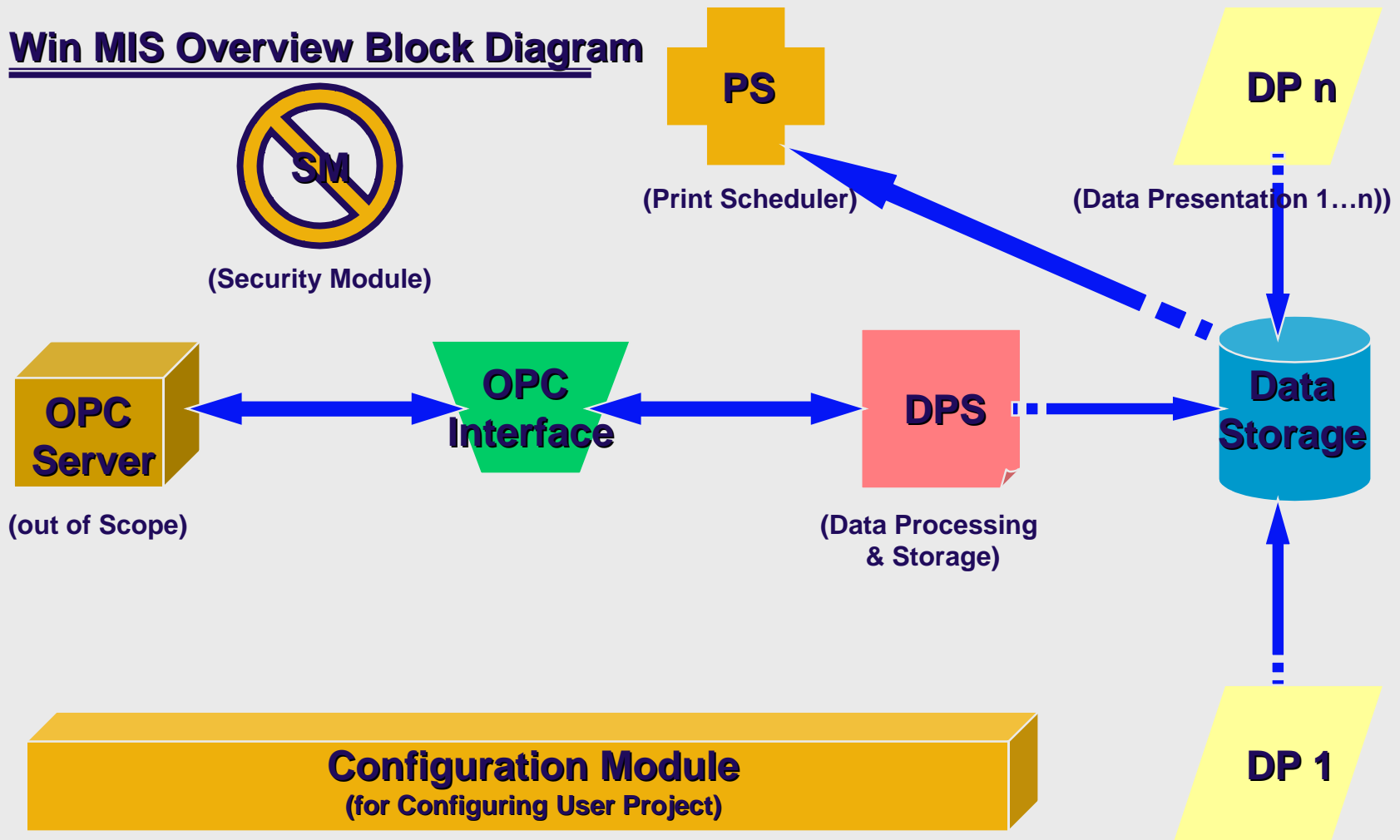
Management Information





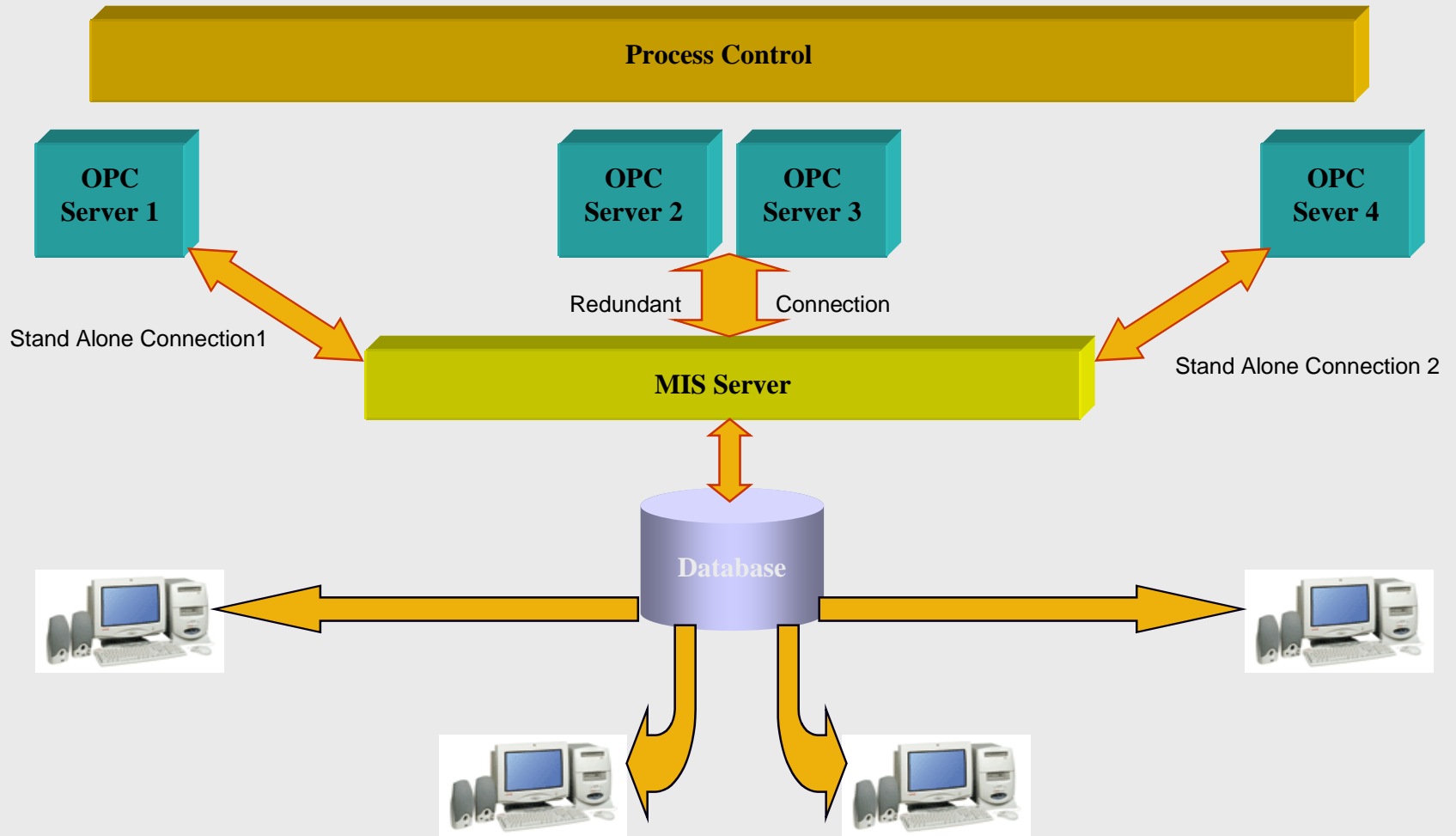
Management Information

Win MIS Overview Block Diagram





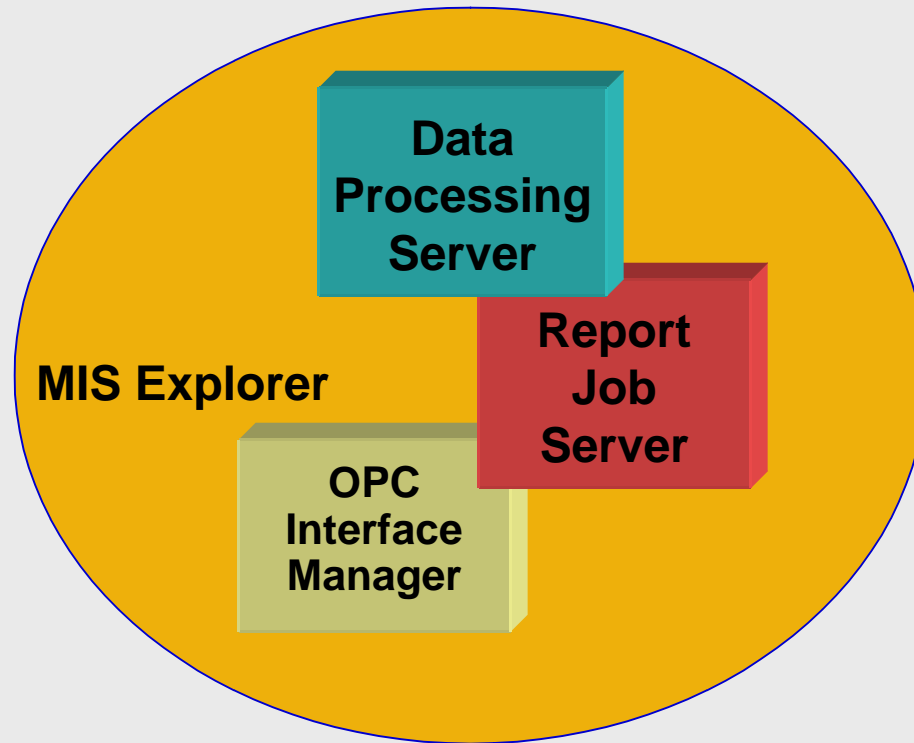
Management Information





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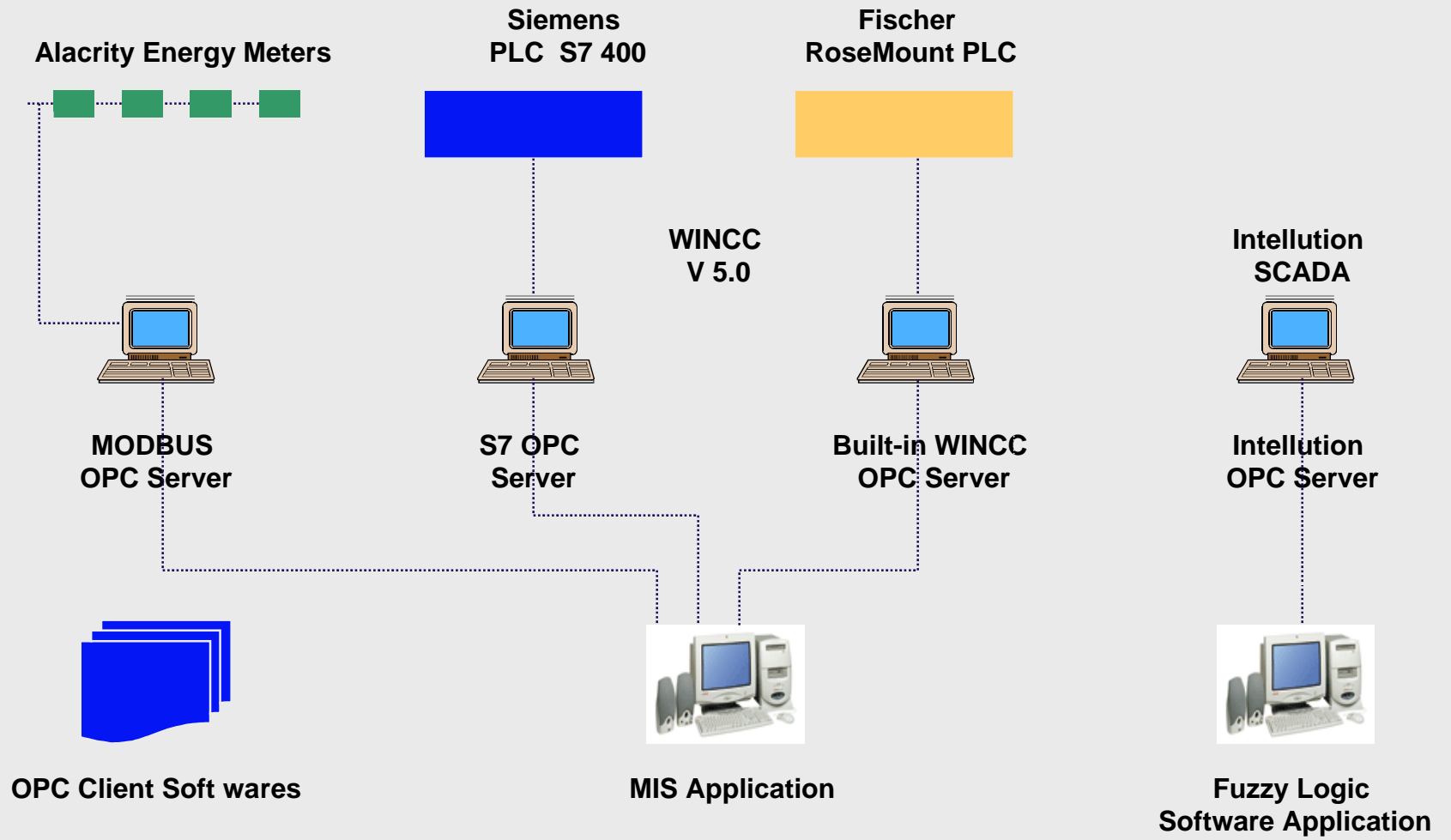
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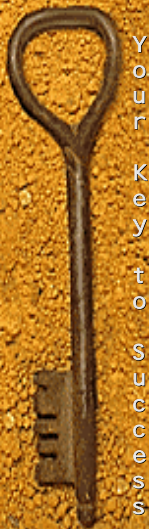
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 Performance Parameters



Management Information





Management Information

- 📖 Real-Time Data Pre-Processing with 1s (min) / 5s / 10s sampling
- 📖 Min, Max, Sum, Ave functions for Pre-Processing
- 📖 Selectable Archiving Times for individual MIS Tags
- 📖 Long Term Data Storage for years in Industry Standard MySQL
- 📖 Object Oriented Data Storage to facilitate additional custom reports
- 📖 In-built Data Management ,BackUp and Restore Options

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Management Information

- 📖 Pre-defined time ranges - Shift, Daily, Weekly, Monthly, Yearly
- 📖 User Definable Time Ranges - Absolute, Relative
- 📖 Easy-to-Use interface for defining Reports (no programming required)
- 📖 Reporting with Excel as Front End
- 📖 User Need-based Formatting of Reports
- 📖 Post Processing of Data using Excel Functions & Macros
- 📖 No limit on Number of User Reports

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📖 User Reporting Module



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- Client-Server Architecture
- Real Time Data as Trends & Tabular Forms
- Central Configuration & Data Management
- Optional Web Reporting facility

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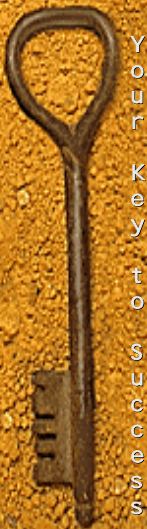
 Data Processing



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- 📖 Automated Printing, Mailing & Exporting of Reports to Hard Disk
- 📖 Scheduler configurable for Cyclic as well as One-Time Operation
- 📖 Cycles of Shift, Day, Month can be selected
- 📖 Additional Offset can be selected for Cyclic Scheduling



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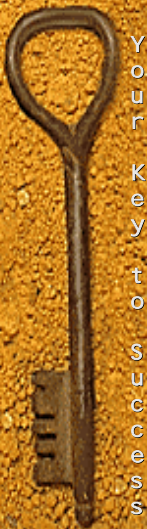
 Presentation Services



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- 📖 User Level Access & Rights - Ease of Configuration using concept of Role
- 📖 Elaborate Access Rights Assignment for protection of Critical Application(s)



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📖 Security Management








Management Information

- ❖ **User Interface - Standard Windows Explorer**
- ❖ **Hardware Interfaces -**
 - Pentium III with 256MB RAM for running MIS Server
 - Pentium III with 128MB RAM for Configuration & Viewing software
- ❖ **Software Interfaces –**
 - Win 2000/XP/NT Server Workstations for MIS Server
 - Win 2000/XP/NT Workstations for Clients
 - Microsoft Excel for Reports
- ❖ **Communication Interfaces –**
 - OPC Server for Communication with Process Control System
 - TCP/IP Lan Network between MIS Server & MIS Clients



Management Information

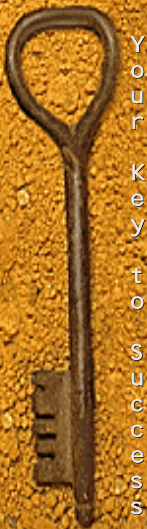
 Maximum Connection (standalone/Redundant)	6
 Maximum OPC Servers	12
 Maximum OPC Items	1000
 Maximum Tags	2500
 Maximum Number of Reports	Unlimited



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- 🔑 Truly Open Connectivity using OPC
- 🔑 No Programming Knowledge required
- 🔑 High scalability – same package from smallest to very large Projects



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🔑 Application Advantages



Management Information

- Saving on Manpower Cost
- Saving on Time for Preparation of Reports
- Error Free Since no Manual Intervention
- Evaluate Plant Performance by accurate monitoring
- Complex Analysis possible by using Excel Functions
- Expedite Decision making with accurate Information



Management Information

- **Maintain Quality of the Product**
- **Helps to keep track of production targets**
- **Investments are protected as Open and scalable Architecture**
- **Easy to Configure & Maintain**



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 **Telephonic Support : 0091 22 6515118 / 55747836,37**

 **Web Support at info@winmis.com**

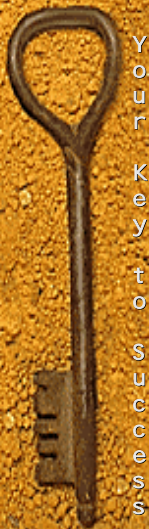
 **Free patches for a period for One Year After Installation**

 **Flexible AMC possible**

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 **Services**



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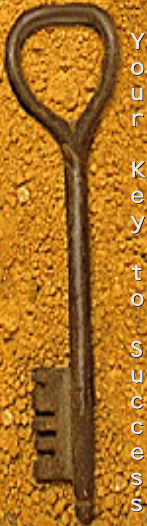
- **Bringing the Plant Informaion at the Managements Desk**
- **Management has direct access to the MIS**
- **Effective Decisions to prevent losses**
- **Implement Optimization by analyzing MIS Data**
- **Indirect Savings on Manpower and Services**
- **Information at the click of a button**



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Thank You!



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