

Industrial Automation Software Products & Solutions



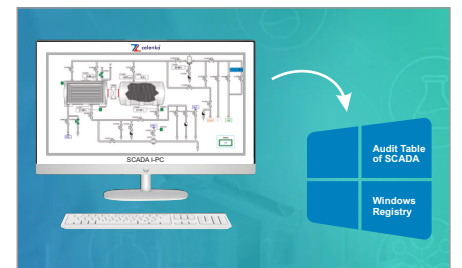
Zelenka Reporting Solutions

Zelenka Reporting Solution brings Low Code – No Code Report Designing and Mapping for Industrial Applications. An Industrial Report Designing Tool which can be used to design and generate Batch Reports, Data Log Reports, Shift Reports, Alarm and Audit Reports along with Trend Reports. Reporting is essential and most important part of the Automation Projects and Zelenka replaces all the traditional Customized Development Methods to generate Reports. Zelenka comes with inbuilt Report Configurator and Viewer. Configurator has multiple options of Ready Backend Communication Engines. Report Designing is done on a Canvas with very easy to use Tables with Drag & Drop and Tag Mapping. Minimising the Reports Development time & Zero Programming are main objectives of the Application. Zelenka Report Viewer is with Options of Desktop and Browser. Report Outputs are in Non Editable PDF and Excel Formats. E-Signature, Auto Report Generation (Scheduler) options are available.



Windows User Management Application

Regulated Industries requires all Windows User Management Activities to be Audited with Report. Zelenka Windows User Management Application is a Tool which will be invoked from SCADA. It comes with Configurator where Admin can do settings as per requirements. This Tool will update Windows Registry for all activities and also update Audit Tables of respective SCADA (Siemens Win CC or Rockwell SCADA) or pass on an entry in local MS SQL Database. This Application helps in keeping Audit Log of User Activities which are mandatory in Regulated Industries. Configurator Application can be used to do settings as required.



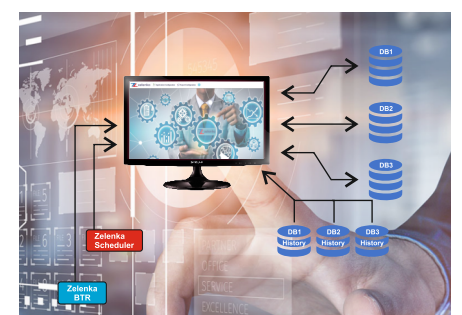
Industrial Alarm Management by SMS and Email

This Application helps Industry Users to get Alerts of Critical and Non Critical Alarms on their Mobile Phones via SMS and Email. Application is settable to even Escalate the Alarms up to 2 Levels of Groups. Admin can set Customized Alarm Text in the Application. This Application works with MS SQL, OPC UA, OPC DA, OPC AE Sources to trap Alarms. Complete Alarm Log is stored. SMS can be sent using GSM Modem or Web Based API System. Background Service will continuously monitor the Tags and update Alarms. SMS Schedule Configuration is also available where Tags will be Grouped for sending SMS. This Application is useful in Pharma & Biotech, Process Automation, Water and Waste Water Management, Oil & Gas, Factory Automation, EMS and BMS etc. Industries.



Backup-Truncate Restore (BTR) Application

Zelenka BTR is an Application to Backup & Truncate Multiple MS SQL Databases in an Auto Mode. Database Restore Utility is also given. Main Purpose of this Application is in Industrial Environment where SCADA generates so many Databases in MS SQL Server to Log Process Data, Client always wants an Auto Utility which will take care of the Scheduled Backups. Also, due to Size Limitations of SQL Express Server Edition, Users wants to Truncate the Data from Database post taking Backup of the same. This is an Auto Scheduler based Application which is One Time Configurable and then will work for Months and Years to come. Zelenka BTR has Daily, Weekly, Monthly and Yearly Options for Backup and Truncate which are configurable. This Application is very critical for Scheduling Backup and Truncate Tasks with Schedules for Multiple Databases.

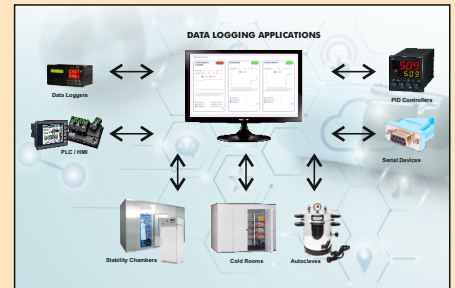




insight Acquisition System (iAS)

iAS – insight Acquisition System (Pharma & Non Pharma Data Logging Applications)

DreamSoft's Insight Acquisition System (iAS) is a Base Ready Application which can communicate with Data Loggers, PLC's, HMI's with FTP, Modbus TCP/IP or Serial Protocol for Logging Temperature, Humidity, or any other Environmental Parameters or Machines Parameters. This Base Ready Product is for Manufacturers of Stability Chambers, Cold Rooms, Auto Claves, Data Loggers, Scanners, Controllers, PLC/HMI or any other Equipment which can communicate over a specific Protocol. Application works with Continuous and Batch type of Data Logging. It is base ready available in Desktop and Browser Mode. We have provision to provide Solutions to Pharma and Non Pharma OEMs. 21 CFR Part 11 Compatibility is fully maintained for Pharma End Clients.



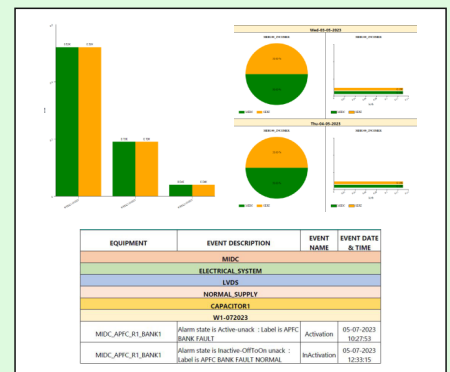
MIS & IoT Applications

Web Application with Critical Tags Monitoring, Data Logging, Alarms Management, Reports etc. with Analytical Dashboard with Graphs all Combines as MIS. This works with Backend such as OPC, Database or Historian. Vertical specific Business Logics also can be written. We can have Data Points pushed from ground level to online server or we can read from the IoT Files pushed from ground devices. Detailed Analysis Reports with Dashboards can be designed. Android and iOS APP also can be designed for Data Monitoring. Live Status of Tags / Monitoring can also be done in these Applications.



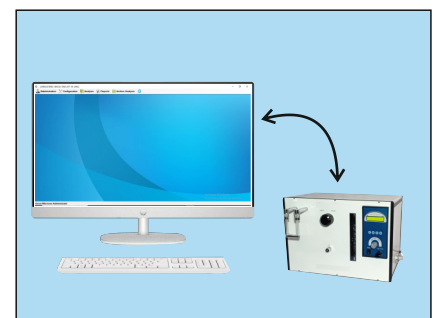
Energy Management Reporting Solution

Energy Management Reports needs to Process Data which are logged for various Energy Parameters at sites. Data Log happens with actual parameter reading at every Second. While Reporting, Application will use Business process Logic on Data to calculate the same on Hourly, Daily, Weekly, Monthly, Quarterly and Yearly Basis. Every Duration Report format is different which depicts the respective time schedule. Reports consists of Graph and Tabular Display of Data. Cumulative Values of Parameters are also calculated in Reports. In Short, Raw Data Log is converted using Data Processing. Alarm, Audit and Event Reports are also present. DreamSoft has expertise in achieving Energy Parameters Reports with above logical requirements. Parameters are fetched in Data Log from Various Equipments at Various Sites.



Surface Area Analyzer Interface Application

Surface Area Analyzer Machine is a very sensitive technique to find out the surface area, size, shape and volume of the pores. It is also useful to calculate the catalytic activity of the solid catalyst. This Equipment is used in Pharma and Non Pharma Companies to evaluate the specific surface area and pore size distribution of various solid materials such as powders, fibers, membranes, substrates and molds by gas adsorption and mercury intrusion. DreamSoft has developed a base ready product to capture complete Process Data and generate detailed table and graph of the Result. Application is so designed that it operates the entire process from start till end with connectivity to the Machine and Logs Data to present Result with Analysis.



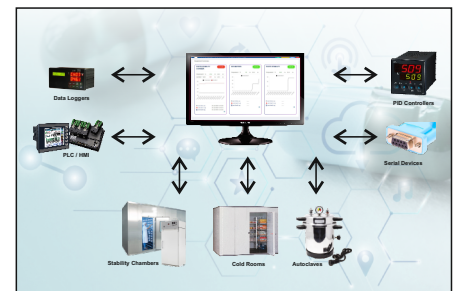
Tensile Strength Machine Interface Application

A tensile tester or tensile testing machine is used to determine the strength and deformation behavior of a material up to the point of fracture. Choosing the right tensile testing machine depends on the material to be tested and the standard(s) that must be followed. Tensile strength can be defined as the maximum stress that a material can bear before breaking when it is allowed to be stretched or pulled. We have a Base Ready Application which logs the Process Data from Machine while Tensile Test is going on and generates the Load Vs Displacement Graph with positioning of Max Load and Break Load. Client can run multiple samples and view reports. Application is highly dynamic with input and output parameters to be configured by end users as per Test Requirements.



Customized Device Interface Applications Development

With Experience of connecting with various Machines and Controllers using Modbus TCP/IP, Serial and FTP Protocols, DreamSoft can develop Customized Device Interface Application as per Requirements of Client. We can Analyse and Understand the Requirements of Connectivity, Data Processing, Business Logics and Output Reports and can develop a Robust and User Friendly Application. Cloud Based Web Applications and Android APP Development is also possible with required specifications.



Bridging Applications (SAP Integration)

Bridging Applications are customized development in which the requirements are like there is a Source of Data Available in form of: Device /Equipment / PLC / XLS Format Files / CSV Format Files / OPC Interface / Serial Communication / FTP / SAP File / XML File etc. Client may want these data to be computed / worked up on and transfer them to other Output Systems like: SAP / PLC / OPC / Database etc. In such requirements, we understand the nature of Data Computations and develop a Bridging Application which will take the data from Source to Destination.

