

Industrial Automation Software Solutions



- Zelenka Reporting Solutions
- Windows User Management Application
- Industrial Alarm Management by SMS and Email
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- Insight Acquisition System - Batch Process (iAS)
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Zelenka Reporting Solutions

Zelenka Reporting Solution brings Superfast 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 which has multiple options of Communication Engines Configurations and Report Viewer Configurations. 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 Web Application.



Windows User Management Application

User Management in SCADA is a Complex Activity. Users of SCADA will need to have Windows Access to Manage Users. Generally on SCADA PC, Windows is not accessible. What to do in that situation? Zelenka's Windows User Management Application is a Standalone Application through which User Management can be done without accessing Windows Environment. When ever User gets Created or Edited or Deleted or Permissions of User are Modified, Application accesses Windows Registry and also keeps Audit Trail of the Changes. This Application helps in keeping Audit Log of the Changes.



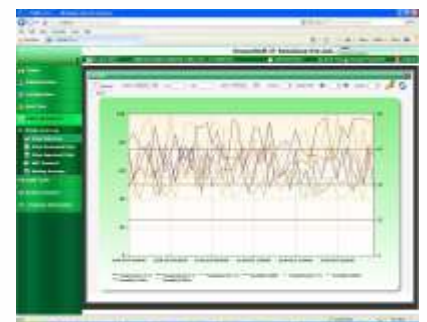
Industrial Alarm Management by SMS and Email

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 Alarm 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 and OPC AE to trap Alarms. Complete Alarm Log along with pending Log is stored. SMS can be sent using GSM Modem or Web Based SMS System. Background Service will continuously monitor the Tags and update Tag Values. SMS Schedule Configuration is also available where Tags will be Grouped for sending SMS. Various Reports are available in Application. This Application is useful in Pharma & Biotech, Process Automation, Water and Waste Water Management, Oil & Gas, Factory Automation, EMS and BMS etc. Industries.



Insight Acquisition System (iAS)

DreamSoft's Insight Acquisition System (iAS) is a Base Ready Application which can communicate with Data Loggers, PLC's, HMI's with TCP/IP or Serial Protocol for Logging Temperature, Humidity, or any other Environmental Parameters. This Base Ready Product is for Manufacturers of Stability Chambers, Data Loggers, Scanners, Controllers etc. Application is base ready available in Desktop and Browser Mode.



Insight Acquisition System - Batch Process (iAS)

DreamSoft's Insight Acquisition System (iAS) for Batch Data Process is a Base Ready supervisory control & data acquisition Application which can communicate with all Controllers / Indicators having RS 485 Modbus ,TCP/IP, Serial communication port or PLC & HMI / Touch panel, for online display, set point changes & Data logging of various Parameters like Pressure, Temperature, Motor RPM, Motor Current / Torque, Liquid / Gas Flow Rate with Totalizer, Heater Temperature, Level, pH, ORP, Turbidity, IR Or any other Environmental Parameters. This Base Ready Product is for Manufacturers of Autoclaves, Pressure Reactor, Pressure Vessels, Flow Reactors, Heating Cooling Circulators, Chillers.



iOT and MIS Applications

As per Customized Requirements from your Client, we can develop web based MIS and iOT Applications for Display and Analysis of Various Data Points coming from Machines, Processes, Databases etc. 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.



Consultancy and Design Solutions

With rich experience in the fields of Industrial Automation, we can provide consultancy on system design and architecture for Process Automation Projects from the point of view of Data Logging / Redundancy of Data / Reporting etc. Many System Integrators before committing to client on Reporting, they involve DreamSoft for better, structured and robust Solutions.



Part 21 CFR Highlights

21 CFR is the part of Title 21 of the Code of Federal Regulations that establishes the United States Food and Drug Administration (FDA) regulations on electronic records and electronic signatures (ERES). Compulsorily used in Pharma Industry, DreamSoft has achieved full compliance in Industrial Software Application with 21 CFR.

- Alpha Numeric Password with min 8 char.
- Password ageing.
- User Name and Password Encryption
- Wrong Password attempt account locking.
- User login with same user name from different location will not be allowed
- Auto Log out of no activity done.
- User Access level.
- Audit trail at each event with comments from user.
- Digitally acknowledgment of Alarms with audit trails.
- Digital Approval of Data with 2 level facilities along with Batch Approval facility.
 - a) Review Data Log.
 - b) Approved Data Log.
- Electronic Signature : Printing of User Name at the bottom of Report with date and time of User who is generating the report, user who is authorizing data.



We are Proud to be associated with System Integrators...



Zelenka Successfully Running at...



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