



Data Services Group

Process and Data Automation's Data Services Group (DSG) connects automated equipment and systems to the business system environment. We architect solutions using commercially available off the shelf (COTS) technology adapted to fit your specific requirements and infrastructure. We "speak IT" and enjoy working in partnership with other IT professionals to deliver results!



Product Recipe/Part Profile Systems

Our Recipe and Profile solutions will help your organization better manage, control, and monitor your production and at the same time ensure consistency and efficiency.

Configurations include:

- **Local** - Will store and access data directly from the specific equipment
- **Server** - Allow management of multiple pieces of recipe/profile based equipment from one common interface
- **Local & Server** - Local and server systems includes the best of both methods

Controls & Ethernet Network Infrastructure

DSG is ready to provide your organization with a network infrastructure that is manageable, reliable, expandable, and secure. DSG solutions utilize an open-architecture, and are scalable ranging from small segments on the plant floor up to large installations with municipalities.

Solutions:

- Wired and wireless technologies
- Configuration and deployment of virtual LANs
- Implementation of secure firewall technology

Reporting Solutions

DSG provides a means to collect and store your process data and formats it into a reporting solution that best suits your needs. Our reporting system is a web-based application, accessible through web browsers within your network. We have provided reporting for the following and much more:

- Industrial compliant solutions
- Production counts
- Spec versus performance
- Batch Summary & Variance
- Material Usage & Trending
- DEP Compliant Reporting

Data Acquisition/Historian Systems

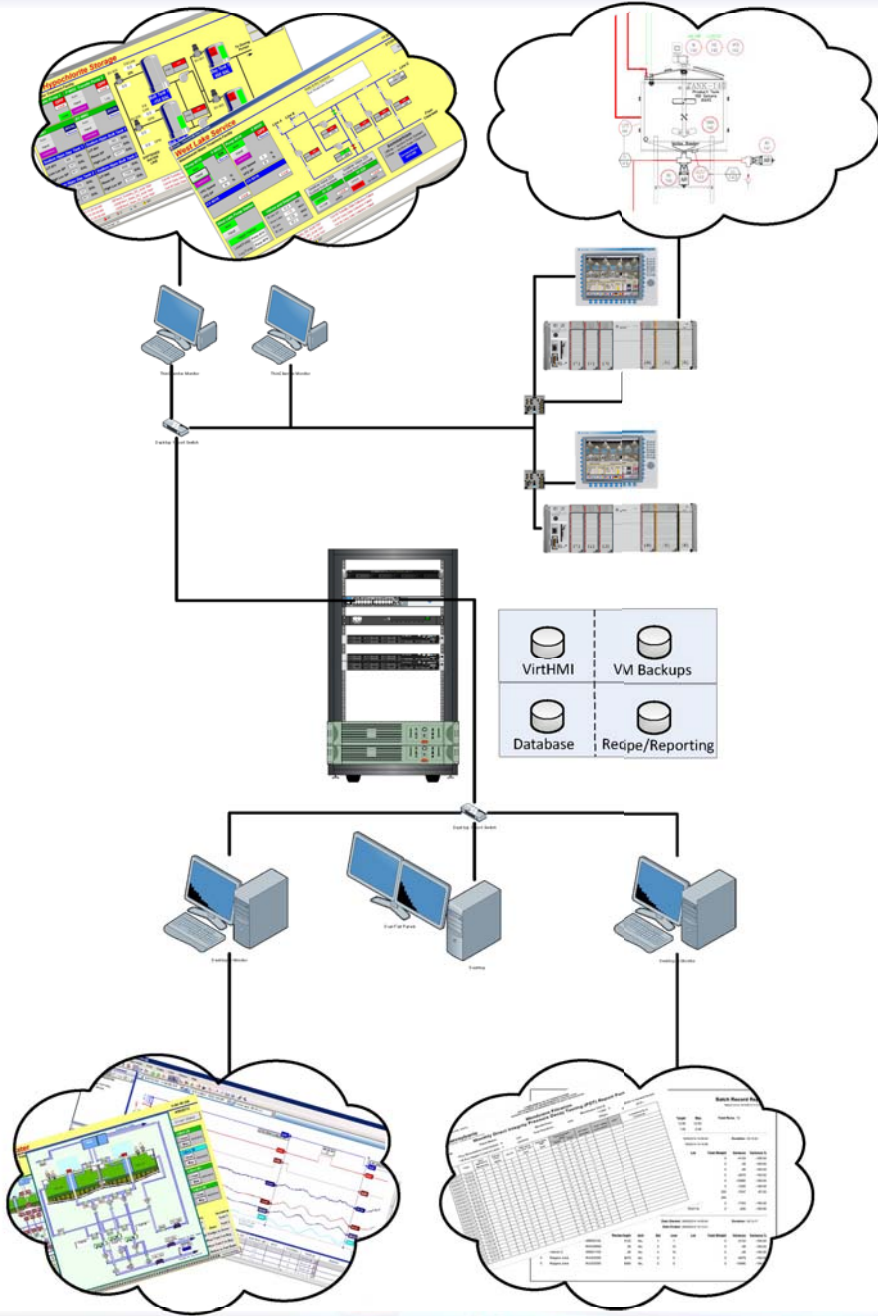
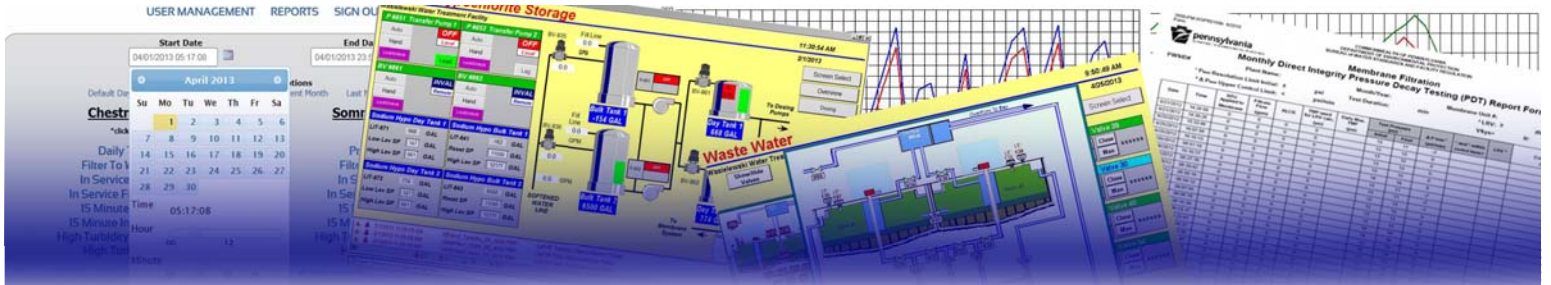
DSG can help your company identify KPI's and process critical information and then apply a system to collect and display the information to you in a usable format. Whether you need to snapshot a handful of variables at critical steps in your process or if you need fast collection of a large number of process variables into a true historian system we can provide the solution for you. Using off the shelf tools and technologies we create accurate reports and views of this information so you can improve the operation of your equipment and profitability of your plant.

Server — Client Configuration/Virtualization

PDA can deploy solutions to meet your needs:

- **Clients** - The clients come in many shapes and forms and are typically found on the factory floor in the midst of the process.
- **Virtualization** - Allows for more effective strategies regarding redundancy and high availability. Less time configuring hardware after a server collapses means quicker uptime for your manufacturing process to continue.





Service Examples

- Review of all existing networked equipment
- Cursory Mapping
- Scope development of network migration
- Consultation of proposed communications architecture
- Communication Wire Trace
- Data Scope of all Incoming and Outgoing Transactions
- Network mapping of both existing business and process segments
- Wireless Telemetry Study
- High Availability and Redundancy
- AssetCentre Install/Configuration
- Custom Web-Based Recipe Applications
- COTS Recipe Applications
- Custom Web-Based Reporting Applications
- COTS Reporting Applications
- Complete SCADA Solutions
- Network Architecture Design
- Barcoding Applications
- Server/Client Design
- Pre-deployment project management and Site Acceptance Test (SAT)

```
function hd_ajax_set_image() {
    var $post_ID;
    $post_ID = intval( $_POST['post_id'] );
    if ( current_user_can( 'edit_post', $post_ID ) ) {
        die( '-1' );
    }
    $thumb_id = intval( $_POST['thumbnail_id'] );
    check_ajax_referer( $this->nonce $post_ID );
    if ( $thumb_id == '-1' ) {
        die( '-1' );
    }
}
```

Corporate Headquarters:
5451 Merwin Lane
Erie, PA 16510
United States

Phone: 814-866-9600
Fax: 814-866-9700
www.processanddata.com

200 Harrison Street
Suite H-3
Jamestown, NY 14701
United States