



Client was looking to implement single sign on for its payroll processing applications.

“ValueSoft successfully implemented single sign-on for all our payroll processing applications. In addition, they also implemented new features we had planned for the upgrade”

#### INDUSTRY Software Company

#### ABOUT CLIENT

Client is a Global Leader in powering HR Delivery Systems, associated Mission-Critical and Information-Sensitive Processes. They deliver cutting edge information technology products, solutions and services that enable the business process in the People Practice area of an enterprise.

#### PAIN POINTS

This leading Independent Software Vendor with headquarters in Bangalore has multiple products to do their customers payroll processing. To complete one month payroll process they have to move the data and files to multiple applications, in this process they have to login into different applications with user credentials.

- Payroll Executives have to remember each application wise their user name and password.
- While doing data import and export they have to reassign the user details.
- Keep tracking the logs between the applications is a tedious problem.

#### BUSINESS NEED Single Sign-On for all payroll processing applications

#### BUSINESS NEED

The customer wants to reduce the number of user authentications between their Payroll products by keeping the centralized mechanism which should increase their productivity and also keep track the data flow between the applications.

#### VALUESOFT SINGLE SIGN-ON SOLUTION

- Developed a single entry web page for all payroll applications
- Generated unique hash key for the local server using processor number, system IP and system name.
- Got the Application Data Server User ID for the current login system and authenticated against LDAP server to get E-mail ID.
- Implemented encryption/decryption algorithms
- Implemented web service to send parameters to the client server and call the requested web page.
- Web services send data in base 64 and values are made available in unique URLs such as <http://www.client.com/client.php/alcon/base64encryptedvalue>
- Modified the website to validate client IP.

### VALUESOFT SOLUTION

Web based single  
sign-on for all  
applications

### CLIENT OUTCOME

Ease of application  
usage, secure and  
error free data  
transfer.

## ABOUT VALUESOFT

ValueSoft is the preferred Microsoft partner for technology stack migration to the latest platforms, cloud and mobile. We have 10 years of experience helping Tier1 brands with technology modernization, mobile enablement and application integration solutions. We have migrated 10 Million lines of code for our customers.

## BUSINESS BENEFITS

- Application users did not have to remember multiple Login details for applications.
- Data transfer across applications was streamlined and error free.
- User productivity was greatly improved.
- Application data transfers were logged and secured.