



Security Overview

General

IConduct is a comprehensive Business Process Management and Data Automation platform:

- IConduct is a generic, proven suite specially developed as an advanced Business Process Management and EAI tool.
- IConduct performs automatic bi-directional interfaces to and from databases and/or different entities such as files, directories, web-services, messaging etc.
- IConduct is delivered with a variety of certified and optimized connectors and adaptors, including Salesforce, Dynamics CRM, SAP Business One, SAP R/3, Priority ERP, SharePoint, Oracle, Oracle Agile PLM and more.

With IConduct you can concentrate on business flow, and not on technological demands, allowing you to achieve a seamless flow of cross-application processes.

The IConductCloud is a Microsoft technology based application, written on the DOT.NET framework platform, currently version 4.5.2. IConduct is hosted on a secured Windows and SQL 2012 server. All application users and roles managements are based on Microsoft platforms.

Security

This document describes the security implementations for the IConduct platform.

IConduct acknowledges its obligation to ensure appropriate security for all Information Technology data, equipment, and processes in its domain of ownership and control.

Our security policy is intended to protect the integrity of IConduct corporate software and data, the customer's software and data, and the integrity of our data processing network and processing resources. Our goal is to mitigate the risks and losses associated with security threats and physical disasters at IConduct to IT hardware and software systems.

Physical Location

The IConductCloud application is hosted at the Microsoft Azure data center.



Access Security

- The administration interface involves an easy-to-use web interface via port 443 (SSL).
- Connection between IConduct and the endpoint application uses the official vendor API, usually via port 443 (SSL).

Data Security

- In order to define the interface between a LAN application (database and on-premise applications such as SAP, Dynamics, Oracle, etc.) and a cloud application (Salesforce, for example), our cloud agent should be installed in the organizational LAN.
- The cloud agent will query any LAN application as needed, and will send the results to the IConductCloud servers.
- All traffic between the cloud agent and the IConductCloud server uses the 443 port (SSL)
- The cloud agent does not need any inbound port to be open – no outside requests are made to the LAN, and the cloud agent is the sole initiator of the request to the IConductCloud servers for waiting requests and their performance as needed.

Encryption Technologies

IConduct uses the following encryption technologies to ensure encrypted transmission of data over the network, and secured storage of password and other sensitive data:

- RSA 2048bit.
- AES 128bit
- SHA-256
- TLSv1.2