

# Smart Integration Connector (SIC)

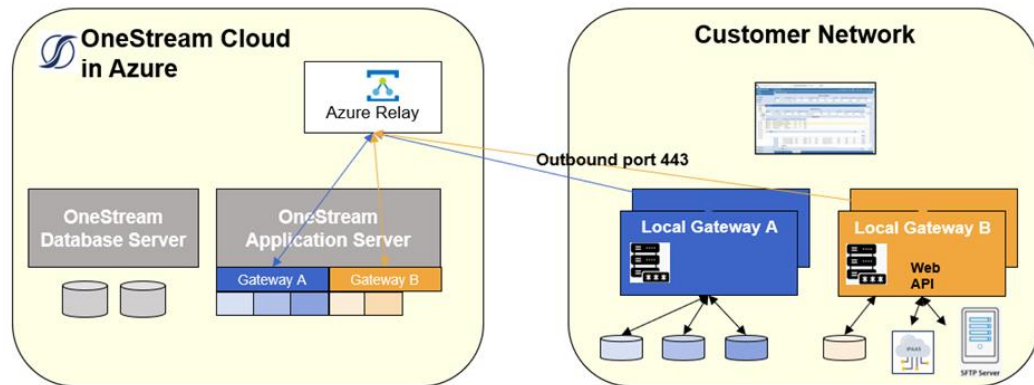
Providing SaaS Data Integration to local data sources



ONESTREAM

## DESCRIPTION

Smart Integration Connector (SIC) introduces a new, secure paradigm for OneStream cloud connectivity to customer network databases, applications, and file server sources. In contrast to VPN 'direct connection', SIC facilitates a cloud native approach using Azure Relay technology to achieve bi-directional data transfers between OneStream cloud and remote data sources. Another key benefit of SIC is that it is 100% customer managed – including setup and management of data source connections on a Local Gateway Server.



## USE CASES

- ✓ Integrating to accessible databases for Data Import, Drill Back, and reporting
- ✓ Data Import or Drill Back to source systems exposed via local iPaaS platforms, web-APIs, or SAP Integration
- ✓ sFTP bi-directional file exchange
- ✓ Export to Data Warehouse sources

## BENEFITS

- ✓ Secure. Fast. Less invasive than VPN.
- ✓ Network friendly. Outbound connection only.
- ✓ Self-Service setup and operational management of local data source connections
- ✓ Customer-side Local Gateway Server manages data source credentials and supporting files

## LOCAL GATEWAY

**Customer provisioned Windows Server manages local data source connectivity and exchange with SaaS Azure Relay node**

- VM/Server per OneStream instance
- Multiple Local Gateway Servers to manage data sources across subnetworks
- Redundancy available for high availability
- Windows 2019+ / .NET 4.8 framework
- 16-32G RAM (32 for 1M+ row imports)
- 2 core modern processors

## HOW IT WORKS

As an upgrading OneStream SaaS customer – we've made the transition from VPN to SIC easy. There are no changes required to existing data source artifacts and minimal changes to Data management and Business Rule setup for data integrations. Data Sources may be created within OneStream's configuration and assigned a connection type of 'Gateway'. Gateways enable connectivity to Azure Relay.

A Local Gateway Server is installed in your network to manage local data sources. It runs on a Windows Server/VM and is configured using the Local Gateway Server Configuration utility. Connectivity to the OneStream cloud instance is established with a websocket-based outbound connection to Azure Relay over port 443. Customers may install multiple Local Gateway Servers to organize data sources or to align with multiple subnetworks. Local Gateways can be installed in a DMZ for further security. Whitelisting is available to manage secure traffic in both directions.

## SIC RECENT ENHANCEMENTS

OneStream recommends the latest Platform ver. for comprehensive SIC benefits

Enhancement	Platform ver.
Support for parallel processing imports	R2 2024*
Encryption for db connections in Configuration UI	8.2.x
Graceful db null value processing	8.2.x
Further increased db connection timeout to 20 min.	8.2.x
Whitelisted traffic to and from Azure Relay	8.1.x
Encrypted db connection strings at rest	8.1.x
Enhanced payload capacity (up from 2G to 5G)	8.0.0
Increased SIC db connection timeout to 10 min	8.0.0

## VPN DEPRECATION

- In August 2023, OneStream announced the August 31, 2024 end of service date for cloud customer use of VPN and ExpressRoute connections
- All customers using VPN or ExpressRoutes will be required to migrate to Smart Integration Connector (SIC) for local data source integration services with their Platform v8+ upgrade.
- OneStream recommends all impacted customers upgrade to Platform v8+ prior to the end of service date.
- Customers unable to transition off VPN by August 2024 may appeal for an extension if a committed upgrade plan is in place. Contact your CSM to arrange an escalation meeting.
- Customers using VPN for user access may choose to leverage IP Whitelisting but must transition away from VPN.

Learn more about Smart Integration Connector

[V8+ Upgrade Group in OneCommunity](#)  
[SIC Introduction Video](#)  
[SIC Self-paced course \(free\)](#)

Have additional questions?  
[Register to attend v8+ Upgrade Office Hours](#)