

Commercient SYNC for Infor VISUAL and Microsoft Dynamics 365

Commercient SYNC, the #1 data integration platform for sales who can seamlessly integrate your Infor VISUAL system with your Microsoft Dynamics 365 as Infor VISUAL operates as an ERP system (Enterprise Resource Planning). Due to Infor VISUAL acting as an ERP system, it has a transaction integrator allowing Microsoft Dynamics 365 acting as a CRM system (Customer Relationship Management) to download records to Infor VISUAL. Importing data back into Infor VISUAL will include new customers, sales orders, jobs, and invoices. Once the data in Infor VISUAL and Microsoft Dynamics 365 are integrated, you will be able to access important Infor VISUAL data directly in the Microsoft Dynamics 365.

The Commercient SYNC Agent is rapidly deployable and gives you access to your Infor VISUAL customer and order information in Microsoft Dynamics 365. We are compatible with the following Infor VISUAL editions:Infor LN, Infor, Infor 10 Distribution Business, BAAN, Infor Adage, Infor Syteline (Frontstep) aka (Symix) , Infor Distribution FACTS, Infor Distribution SX.e, Infor M3, Infor Distribution A+, Baan IV, Baan V, Infor Baan, Infor LN 6.1, Infor LN 10.3, Lawson, BPCS, Mapics, Lilly, VISUAL Mfg, NxTrend, JBA, Fourthshift, Minxware, Lawson, Infor ERP LX, GrowthPower, PointMan ERP, Infor XA, Infor visual 7.1.2, and INFOR SYTELINE V705. Commercient is also certified for use on the Microsoft Dynamics 365 mobile platform. This includes customer information, sales history, invoicing, serial numbers invoiced, inventory, multiple ship-to-addresses, and much more. New accounts, orders, opportunities, etc. created in Microsoft Dynamics 365 are SYNC'd to Infor VISUAL.

About the SYNC:

- Unlike traditional data integration tools such as ETL, there is no coding, mapping, or server. We handle everything, so you can focus on growing your business.
- Infor VISUAL data is automatically integrated into your Microsoft Dynamics

Copyright Commercient LLC



365 so you don't have to program anything.

- Changes are reflected in Microsoft Dynamics 365 as soon as the records in Infor VISUAL are altered.
- Infor VISUAL and Microsoft Dynamics 365 are both beneficial since Infor VISUAL can reduce overall expenses while Microsoft Dynamics 365 can bring in more revenue through better sales figures and increase profitability.
- Commercient SYNC allows a 360-degree cycle in which Infor VISUAL can be integrated into Microsoft Dynamics 365 as well as, Microsoft Dynamics 365 back into Infor VISUAL.
- Commercient SYNC for Infor VISUAL is built by ERP & CRM integration experts.
- Commercient's software provides Infor VISUAL users with a "Cloud-based" experience. Since it is a cloud-based experience, you can ensure that Commercient will have your data secured.
- Any field synced from Infor VISUAL can be displayed on the Microsoft Dynamics 365 screen. All of the data Commercient SYNCs to Microsoft Dynamics 365 becomes part of Microsoft Dynamics 365 native database. As such, you can perform any Microsoft Dynamics 365 function on the data—from graphing to dashboards to using third-party apps that can make use of the data.
- SYNC is an integration app for Infor VISUAL and Microsoft Dynamics 365 which includes:

Accounting Data:

Infor VISUAL customers with Microsoft Dynamics 365 accounts, customer payment terms and credit limits, open invoices, invoices on hold, multiple ship-to addresses, multiple bill-to addresses, and account history. <u>Sales Order Data</u>:

Open sales orders, sales order detail lines, and sales order history. Invoice Data:

Open invoices, invoice detail lines, payments, invoice history, and serial numbers shipped.

Copyright Commercient LLC



- Commercient has provided a user-friendly search engine in Microsoft Dynamics 365 to lookup data. For instance, search for a serial number and find the Invoice Records and Sales Order records that pertain to it.
- Implementing Commercient SYNC creates a simple data integration pathway between Infor VISUAL and Microsoft Dynamics 365. Our SYNC solution also enables you to prevent the duplicate data, handle custom objects in Microsoft Dynamics 365, and take advantage of the premier support.
- The SYNC app only uploads or updates data as it changes. Commercient has an eye for detail and has implemented a series of measures in order to track changes as well as, submitting records to Microsoft Dynamics 365 API (Application Programming Interface) in a single call.
- Commercient can significantly reduce the likelihood of exceeding the Microsoft Dynamics 365 API Infor VISUAL limits, as Infor VISUAL has a limit of 100 requests per minute per company. In the event that a daily limit is reached (which can occur during the initial SYNC of a large Infor VISUAL system) Commercient will continue to SYNC where it left off on the following day.

What benefits does the integration of Infor VISUAL and Microsoft Dynamics 365 have?

- Integration can improve customer relationships since all the data is stored in one location and by the information being in one location, customer needs can be figured out.
- All the data from one account or even numerous accounts will be found in one location, which saves time looking at both software for the same information and it lessens the chance of having duplicate data. This means that the data keeps its integrity and cohesion.
- You are able to view your customers in a 360-degree view, which means you can access their history, accounts, invoices, preferences and buying habits. This provides a greater overview of your customer's needs, you are



able to build a strong relationship and assist in their future growth.

What does SYNC offer?

- 1. Financial accounting data
- 2. Customer data
- 3. Sales order data (as seen below)
- 4. Invoice data
- 5. Products
- 6. Custom Workflows / Opportunities / Orders / Invoices / Custom Objects
- 7. Plus any other data customers request.

The first item to be SYNC is your **AR Customer Record** and once this is completed, all the fields can be shown. As you can see below. Customers in Infor VISUAL are integrated into Microsoft Dynamics 365. Their Ship To and Bill To address in Infor VISUAL is merged into Microsoft Dynamics 365, which can be displayed according to their needs. By clicking on the Infor VISUAL Customer Record, you can see all the fields that are synchronized.



	lational Labs age ∨					Annual Re	venue No. of E	mployees Owner	enkins
Summary Detail: Customer Records	Sage Related					+	New Sage Custo	omer R 🕐 Refre	esh
✓ Customer Na	ime 1 CREDIT HOLD	CUSTOMER TYPE	CURRENT	T BALANCE	CREDIT LIMIT	LAST PAYMENT	DATE LAST .	DATE LAST	
Sandia Na	tional Labs N	HOUS		160,740.00	100,000.00	84,492	.30 9/10/2014	4 9/30/2014	
Open Sales Orders				[]				New Sage Open Sales	5
✓ SALES ORDE	Account_R ↑ SA	ALESPE ORDER	ORDER	ORDER	CUSTOMER	BILL TO NAME Sandia National L.	WAREH	NON TAXABLE AMT	
Invoices							+ New Sage	Invoices 🖒 Refre	esh
	BILL TO NAME	Account_R AM	MOUNT SUBJE	INVOICE D	INVOICE DUE D	INVOICE TY	PAYMENT T	CREDIT CARD P	
✓ INVOICE ↑	BILL TO NAME						0220		
 ✓ INVOICE↑ 0243826 	Sandia National Labs	Sandia National L	80,370.00	7/28/2014	8/12/2014	IN		0.	.00
		Sandia National L Sandia National L		7/28/2014	8/12/2014 1/1/1900	IN CM			.00
0243826	Sandia National Labs		0.00					0.	
0243826	Sandia National Labs Sandia National Labs	Sandia National L	0.00	7/29/2014	1/1/1900	CM		0.	.00
0243826 0243921 0248814	Sandia National Labs Sandia National Labs Sandia National Labs	Sandia National L Sandia National L	0.00	7/29/2014	1/1/1900	CM IN +	 New Sage ShipTo	0.	.00
0243826 0243921 0248814 ShipTo Address Ship To Nati	Sandia National Labs Sandia National Labs Sandia National Labs	Sandia National L Sandia National L SALES PE	0.00 160,740.00	7/29/2014 9/30/2014	1/1/1900 10/15/2014	CM IN +	 New Sage ShipTo	0. 0. o Add Č Refre	.00

Once the Customer Record is in Microsoft Dynamics 365, Commercient then SYNCs the **Sales Orders and their Detail Lines** which relates them to the corresponding Microsoft Dynamics 365 Account record. The Sales Order data and

Copyright Commercient LLC



Invoices Sales Order data is merged as one as a custom object into Microsoft Dynamics 365, since each customer's needs are unique. This allows customers to see their invoices that have their orders and details as well as, viewing the different statuses of their sales orders as they change in Infor VISUAL. Removing canceled Infor VISUAL Sales Order data from Microsoft Dynamics 365 has performed automatically.

Active Op	en Sales Or	rders ×			Search for records		ړ		
Account_R	CUSTOMER NO	BILL TO NAME	SALES ORDER N WAREHOUSECO	ORDER TYPE ORDER DATE	ORDER STATUS	PAYMENT TYPE CON	T 4		
SIA SECURITY TECHN	SSY	SIA SECURITY TECHNOLOGY	028	5 8/13/201	4 O 145,645.6	55 CHECK			
New Pig Corporation	NPC	New Pig Corporation	100	S 9/12/201	4 O 74,934.0	08	- 1		
Sandia National Labs	SAN	Sandia National Labs	100	S 8/6/201	4 O 47,600.0	00	- 1		
GOLDCREST INT'L SIN	GDIS	GOLDCREST INT'L SINGAP	000	S 9/30/201	4 0 20,868.3	37 CHECK	- 1		
New Pig Corporation	NPC	New Pig Corporation	100	S 9/12/201	4 0 19,570.0	00	- 1		
GREENWOOD SOLUTI.	GRNS	GREENWOOD SOLUTIONS	028	S 9/29/201	4 0 17,275.2	25 CHECK			
ASESORIAS Y TECNOL.	ASES	ASESORIAS Y TECNOLOGIA	028	S 9/16/201	4 O 15,968.3	17 CHECK	- 1		
LONE STAR SAFETY &	LSSS	LONE STAR SAFETY & SUP	100	S 10/10/201	4 N 13,308.0	00 CHECK			
MAYFLOWER UK	MAYF	MAYFLOWER UK	000	S 9/2/201	4 O 12,456.2	20 CHECK			
SAFE RACK LLC	SRL	SAFE RACK LLC	000	S 9/5/201	4 0 11,420.0	00 CHECK			
Quatrex Environmental	QUA	Quatrex Environmental	000	S 10/6/201	4 O 10,830.0	00			
MEDSAFE	MEDS	MEDSAFE	100	5 10/10/201	4 N 10,280.0	00 CHECK			
CYNDAN CHEMICALS	CYND	CYNDAN CHEMICALS	028	S 9/25/201	4 0 10,157.5	95 CHECK			
SAFEWARE, INC.	SFWR	SAFEWARE, INC.	100	S 9/26/201	4 O 9,053.0	D5 CHECK			
OIL MOP, LLC	OMI	OIL MOP, LLC	000	S 10/10/201	4 O 8,415.0	00 CHECK			
CYNDAN CHEMICALS	CYND	CYNDAN CHEMICALS	028	S 8/27/201	4 O 7,268.5	55 CHECK			
SPILL 911	SPIL	SPILL 911	001	5 9/19/201	4 O 6,892.0	54 CHECK C			
INTERCTATE DRODUC	INITODO	INTERCTATE DRODUCTC IN	000	5 10/2/201	4 0 6 974		1		

Commercient has designed the relationships with the data objects in Microsoft Dynamics 365 that can give you the freedom to decide which objects you would like to display on the screen. You are always able to click to other parents- or child-related objects. For example, an Admin user can remove the Sales Orders from the Account screen but leave their Detail Lines. This allows our customers to see what was sold and shipped from the main account screen. By clicking on the Sales Order link on the detail line, they can view the full Sales Order.

Copyright Commercient LLC Phone: (678) 383-4518 | sales@commercient.com | http://www.commercient.com Page 6 of 12



		▼ 🖘 EMAIL A LINK	▼ IN REPOR		MPLATES 👻 🕰	EXPORT TO EXCEL	import e		ART PANE ▼ 🖷 VIEW	***		
Ac	tive In	voices •										2
	ICE NO	BILL TO NAME	Customer_Recor A	MOUNT SUBJECT TO	INVOICE DATE	INVOICE DUE DATE	INVOICE TYPE	PAYMENT TYPE	CREDIT CARD PAYME	ExternalKey 🛧	Ŧ	Ŕ
0226	920	FASTENAL COMPANY	00:FAST	332.00	1/2/2014	2/1/2014	IN	CHECK	0.00	0226920:000000		1
0226	921	SAFEWARE, INC.	00:SFWR	938.00	1/2/2014	2/1/2014	IN	CHECK	0.00	0226921:000000		I
0226	922	CRITICAL TOOL	00:CRIT	32.00	1/2/2014	2/1/2014	IN	CHECK	0.00	0226922:000000		I
0226	923	GLOBAL EQUIPMENT COM	00:GLO	83.66	1/2/2014	2/1/2014	IN		0.00	0226923:000000		I
0226	924	RS HUGHES	00:RSH	31.00	1/2/2014	2/1/2014	IN	CHECK	0.00	0226924:000000		I
0226	925	GLOBAL EQUIPMENT COM	00:GLO	135.36	1/2/2014	2/1/2014	IN		0.00	0226925:000000		I
0226	926	SAFETY SERVICES	00:STS	302.00	1/2/2014	2/1/2014	IN	CHECK	0.00	0226926:000000		J
0226	927	GLOBAL EQUIPMENT COM	00:GLO	74.26	1/2/2014	2/1/2014	IN		0.00	0226927:000000		
0226	928	THE CARY COMPANY	00:CARY	395.00	1/2/2014	2/1/2014	IN	CHECK	0.00	0226928:000000		
0226	929	GRAINGER	00:GRA	588.00	1/2/2014	2/1/2014	IN		0.00	0226929:000000		
0226	930	SAFE RACK LLC	00:SRL	250.00	1/2/2014	2/1/2014	IN	CHECK	0.00	0226930:000000		
0226	931	INTERSTATE PRODUCTS, IN	00:INTPRO	558.60	1/2/2014	2/1/2014	IN	CHECK	0.00	0226931:000000		
0226	932	Youngstown Barrel & Drum	00:YBD	206.87	1/2/2014	2/1/2014	IN		0.00	0226932:000000		
226	933	MCMASTER-CARR	00:MCM	5,970.00	1/2/2014	2/1/2014	IN		0.00	0226933:000000		
0226	934	Williston Fire and Safety	00:WFAS	1,344.00	1/2/2014	2/1/2014	IN	CHECK	0.00	0226934:000000		
0226	935	SPILL CONTAINMENT RESO	00:SCR	76.00	1/2/2014	2/1/2014	IN	CHECK	0.00	0226935:000000		
0226	936	ECOLAB, INC.	00:ECOLAB	1,344.00	1/2/2014	2/1/2014	IN	CHECK	0.00	0226936:000000		
0226	937	TANK DEPOT	00:TANK	95.00	1/2/2014	2/1/2014	IN	CHECK	0.00	0226937:000000		

The AR Invoice (see below)

- The AR Invoice is a record that is synced and related to the **Invoiced Sales Order Data**, and **Invoice Payments**.
- The AR Invoice data is useful for identifying unpaid invoices and locating the data, in which the customer needs to pay for the services used.
- The other records which are used in SYNC include the **AR Customer Ship to Tax Exemptions, Item Master,** and **Item Warehouse.**
- The Item Master is used to create Microsoft Dynamics 365 Products by Commercient and links the entire Item and Warehouse records to the **Product**.
- This gives you the ability to have accurate product data and Inventory

Copyright Commercient LLC



availability. In addition, you can SYNC any Database, table, or view.

Customer Name	CREDIT HOLD	CUSTOMER TYPE	CURRENT BA	LANCE	REDIT LIMIT	ST PAYMENT AM.	DATE LAST PA CUSTOM	ER DI DATE LAST AC	ExternalKey	1 1
Sandia National Lab	os N	HOUS		160,740.00	100,000.00	<mark>84</mark> ,492.30	9/10/2014	0.00 9/30/2014	00:SAN	
Open Sales Orders									+	
Account_R	CUSTOMER NO	BILL TO NAME	SALES ORDER	WAREHOUSEC	ORDER TYPE O	RDER DATE ORDE	ER STATU NON TAXABL	LE AMT PAYMENT TYP	COMN	IENT
Sandia National La	bs SAN	Sand <mark>ia National Labs</mark>		100	S	8/6/2014 O		47,600.00		
Invoices									+	
INVOICE NO	BILL TO NAME	Customer_Rec AMOI	JNT SUBJECT	VOICE DATE	NVOICE DUE DATE	NVOICE TYPE PAY	MENT TYP CREDIT CARI	D PAY ExternalKey	↑ I	
0243826	Sandia National Labs	00:SAN	80,370.00	7/28/2014	8/12/2014 I	N		0.00 0243826:000000		
0243921	Sandia National Labs	00:SAN	0.00	7/29/2014	1/1/1900 (CM		0.00 0243921:000000		
0248814 ShipTo Address	Sandia National Labs	00:SAN	160,740.00	9/30/2014	10/15/2014 I	N		0.00 0248814:000000	+	
Account_R	SALES PERSON NO	SHIP TO NAME	ELEPHONE N CO	ONTACT CO	SHIP TO CITY SHIP	TO STATE CUSTOM	IER N EMAIL ADDRE	WAREHOUSE CODE	ExternalKey ↑	
Sandia National La	abs 1000	SANDIA NATIONAL L			ALBUQUERQUE NM	SAN		00:	SAN	
Invoice Payments										÷
INVOICENO	TRANSACTIONAMT	TRANSACTIONTYPE	CHECKNO	TRANSACTION	DATE Invoice_R	External	Key ↑			
0243826	-382	20 Credit Memo			7/29/2014 0243826:0	000000 00:SAN:02438	826:IN:7/29/2			Ū
0243826	84 492	30 Payment	1381218		9/10/2014	00:SAN:02438	826:IN:9/10/2.			

SYNC also offers a full 360 Sync, in which Microsoft Dynamics 365 can have data integrated back to Infor VISUAL. It is done in the following ways;

- Reviewing the license Make sure you have confirmed the package bought from Microsoft Dynamics 365;
- One process at a time is followed An example is an account import;
- Commercient SYNC standards objects These types of objects already exist in Microsoft Dynamics 365, like your accounts; and
- Custom objects would need to be identified as well this is what we can customize for the customer according to their needs.

Installation can begin, once the standard object is put in place. However, for the data to be moved, there are two options known as the File Option and the API Option.



Options for moving data to Infor VISUAL from Microsoft Dynamics 365

There are two important transactions when data is moved from Microsoft Dynamics 365 to Infor VISUAL known as: "File Option" and the "API Option;

- File Option: In order for Microsoft Dynamics 365 to move to Infor VISUAL, a configuration has to take place, which can be done by the ERP partner or user. But in terms of utility screens, the customer or ERP partner has direct control. To assist in the file import, Commercient will download XML/CSV/TSV files to the customer's server. XML deals with simplifying moving data and storing it. CSV stores tabular data and separates it with commas whereas, TSV, separates data through tabs.
- 2. <u>API Option:</u> An API simplifies software when it is used and maintained. The API for Infor VISUAL is owned and licensed by their vendor, which needs to be given in order to have access. However, you take responsibility for checking whether you have access to the API from the Infor VISUAL vendor. Also, you are expected to pay for this option in terms of the license, documents and period of time, due to Infor VISUAL vendors changing rules, policies and bundles since they have different geographical locations.

How often does the SYNC run?

Transaction Processes are scheduled per the frequency of your Commercient SYNC contract, which means the SYNC frequency can be scheduled from near real-time, to hourly, to four times a day, and daily regardless of whether it is from Infor VISUAL to Microsoft Dynamics 365 or visa-versa. Every time your SYNC runs, data is moved from Infor VISUAL to Microsoft Dynamics 365 or it can be moved back from Microsoft Dynamics 365 to Infor VISUAL for import, which includes moving new records like; Customers; Sales Orders; Jobs; and Invoices.

What if I have an existing Microsoft Dynamics 365 database?

SYNC is enabled once the customers consult with Commercients Professional Services to perform a clean up of records. When two systems have been running separately from each other, Account matching is imperative in order for two

Copyright Commercient LLC Phone: (678) 383-4518 | sales@commercient.com | http://www.commercient.com Page 9 of 12



records to be merged together to form one, while preventing any duplicated data. This can be done as follows:

- There is a software program that will identify records that are similar and it involves a person to check what the software has found.
- The person will have to use the knowledge that is not commonly known by others in the company, but it becomes known when information is referenced (tribal knowledge) and a bit of business knowledge.
- Commercient has an account matching tool, that will use AI(artificial intelligence) that will create comparisons, comparisons with scores and making names that are meaningful.
- Commercient also offers resources, such as Nvidia's Cuda core hardware to prevent using traditional hardware. This can be accessed through the AWS cloud and provide the service to customers without them knowing, in order to compare two systems of accounts with AI matching.

Can existing Infor VISUAL transactions in Microsoft Dynamics 365 be edited?

- Even though Commercient offers SYNC as an app, they provide Custom Update Processes to assist in editing data in Infor VISUAL to Microsoft Dynamics 365 or Microsoft Dynamics 365 to Infor VISUAL.
- This process covers updates and deleting data, which is marked as a record.
- The purpose is to download the changed version for Infor VISUAL from Microsoft Dynamics 365.
- Since the records are downloaded to Infor VISUAL, it becomes a system of record and any edits to the record, should be done in the program.
- Editing in Microsoft Dynamics 365 can also be done if customers purchase Custom Update Processes.
- Customers are allowed to customize the process, in which they choose five fields to be maintained on the Infor VISUAL record.
- Additional costs can apply.



Once the status of an order changes, will this be updated?

To keep your order updated, a workflow of Infor VISUAL, will need to be designed as Commercient SYNC is responsible for taking records from Microsoft Dynamics 365 to Infor VISUAL. The status update does not get passed through SYNC as it changes once it is in Infor VISUAL. The API Option, will SYNC the results of the Infor VISUAL API back to Microsoft Dynamics 365.

Can I limit or control the data that I SYNC?

Data can be controlled or limited by SQL (Structured Query Language) through Commercient's methodology. Not only that, but SQL can also improve and retrieve data. In this, you have filters, tables, and cross-database subqueries through the WHERE clause (charges may apply).

How do I track the results?

In Microsoft Dynamics 365, there are primary objects through status fields, in which the transaction process is visible. The status fields contains;

- Whether there is success or failure;
- Return values from the ERP (new invoice numbers); and
- File names if there is an XML output file.

What else does Commercient do with Microsoft Dynamics 365?

Data synchronization is the first step towards a total solution. Ask about these additional modules for Infor VISUAL;

- Quote Processing;
- Web-based Product Configurator;
- Opportunity and Quote -> Sales Order Conversion;
- Products and Price Book SYNC;
- Product Record Types;
- Cases with Serial Numbers Invoiced and Service Orders;

Copyright Commercient LLC



- Opportunity Commissions Calculations based on Infor VISUAL Invoices;
- Automatic Infor VISUAL Sales Order Email Engine;
- Automatic Invoice Email Engine;
- Dealer/Wholesaler Self-Service Portal;
- Custom Data synchronization; and
- SF Account Conversion to Infor VISUAL AR Customer.

System Requirements:

Microsoft Dynamics 365 Group, Professional, Enterprise editions or higher. Microsoft Dynamics 365 API is included at no charge. Own the Infor VISUAL software.

Are Payments and Order Processing completed in Infor VISUAL?

Microsoft Dynamics 365 can take payments online, which is downloaded to Commercient Standard Processes. You would need to make your own process for importing payment data into Infor VISUAL, or on to your credit card company for further payments.

Company Information:

Commercient is a Cloud-based company that connects Microsoft Dynamics 365 directly to your Infor VISUAL ERP system. Our open SYNC Agent works with ERPs such as Epicor, SYSPRO, Traverse, and other ERP accounting systems. Commercient improves the efficiency of getting CRM, B2B, and B2C eCommerce orders directly into your accounting system in real-time, with all of the associated business rules.

For more information, please use the Contact Us link on http://www.commercient.com

Copyright Commercient LLC Phone: (678) 383-4518 | sales@commercient.com | http://www.commercient.com Page 12 of 12