

Commercient SYNC for Infor Fourth Shift and Microsoft Dynamics 365

Commercient SYNC, the #1 data integration platform integrates your Infor Fourth Shift system with Microsoft Dynamics 365. The Commercient SYNC Agent is rapidly deployable and gives you access to your Infor Fourth Shift customer and order information in Microsoft Dynamics 365. We are compatible with the following editions: Infor LN, Infor Visual, Infor 10 Distribution Business, BAAN, Infor Adage, Infor SyteLine (Frontstep) aka (Symix), Infor Distribution FACTS, Infor Distribution SX.e, Infor Distribution A+, Baan IV, Baan V, Infor Baan, Infor LN 6.1, Infor LN 10.3, BPCS, Mapics, Lilly, VISUAL Mfg, NxTrend, JBA, Minxware, Lawson, Infor ERP LX, GrowthPower, PointMan ERP, Infor XA, Infor visual 7.1.2, and INFOR SYTELINE V705. Commercient is certified for use on the Microsoft Dynamics 365 mobile platform.

Microsoft Dynamics 365 Compatibility

Microsoft Dynamics 365 can integrate with enterprise and professional. However, with professional there are a few limitations such as;

- Customization per user;
- Sales Management - Competitors, Sales Goals and Territory Management;
- Sales Management - Product Taxonomy & Relationships, Hierarchies;
- Social Engagement/Gamification/ Voice of Customer;
- Mobile Offline Sync;
- Versium/Insideview;and
- Embedded Intelligence;

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 Fourth Shift data is automatically integrated into your Microsoft Dynamics 365 so you don't have to program anything.
- Changes are reflected in Microsoft Dynamics 365 as soon as the records in

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Infor Fourth Shift are altered.

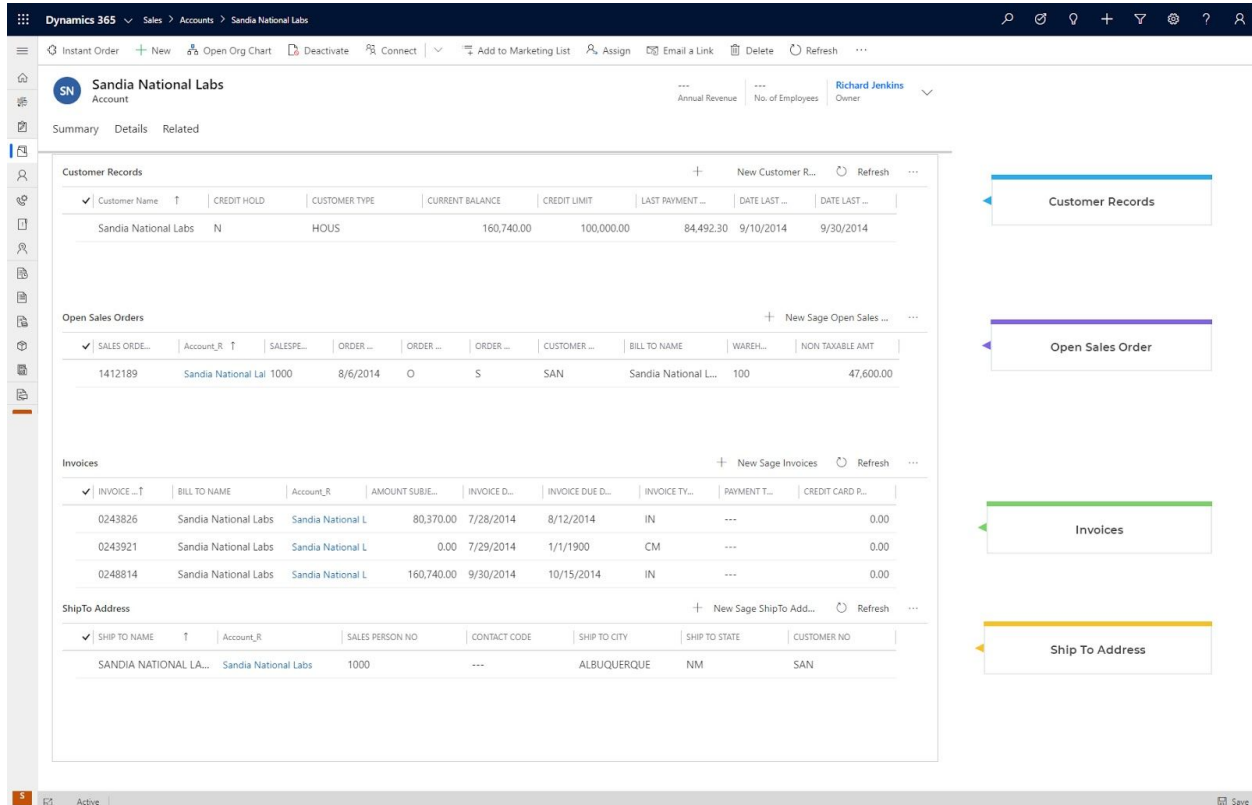
- Infor Fourth Shift and Microsoft Dynamics 365 are both beneficial since Infor Fourth Shift can reduce overall expenses while Microsoft Dynamics 365 can bring in more revenue through better sales figures and increase profitability.
- Commercient SYNC for Infor Fourth Shift is built by Infor Fourth Shift & CRM integration experts.
- Commercient's software provides Infor Fourth Shift users with a "Cloud-based" experience. Since it is a cloud-based experience, you can be ensured that Commercient will have your data secured.
- Any field synced from Infor Fourth Shift 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 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 Fourth Shift 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 Fourth Shift limits, as Infor Fourth Shift 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 Fourth Shift system) Commerciant will continue to SYNC where it left off on the following day.

What does SYNC offer?

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 Fourth Shift are integrated into Microsoft Dynamics 365. Their Ship To and Bill To address in Infor Fourth Shift is merged into Microsoft Dynamics 365, which can be displayed according to their needs. By clicking on the Infor Fourth Shift Customer Record, you can see all the fields that are synchronized.

SYNC for Infor Fourth Shift and Microsoft Dynamics 365



Customer Records

Customer Name	CREDIT HOLD	CUSTOMER TYPE	CURRENT BALANCE	CREDIT LIMIT	LAST PAYMENT ...	DATE LAST ...	DATE LAST ...
Sandia National Labs	N	HOUS	160,740.00	100,000.00	84,492.30	9/10/2014	9/30/2014

Open Sales Orders

SALES ORDE...	Account_R	SALESPE...	ORDER ...	ORDER ...	ORDER ...	CUSTOMER ...	BILL TO NAME	WAREH...	NON TAXABLE AMT
1412189	Sandia National Labs	1000	8/6/2014	O	S	SAN	Sandia National L...	100	47,600.00

Invoices

INVOICE ...	BILL TO NAME	Account_R	AMOUNT SUBJE...	INVOICE D...	INVOICE DUE D...	INVOICE TY...	PAYMENT T...	CREDIT CARD P...
0243826	Sandia National Labs	Sandia National L	80,370.00	7/28/2014	8/12/2014	IN	---	0.00
0243921	Sandia National Labs	Sandia National L	0.00	7/29/2014	1/1/1900	CM	---	0.00
0248814	Sandia National Labs	Sandia National L	160,740.00	9/30/2014	10/15/2014	IN	---	0.00

Ship To Address

SHIP TO NAME	Account_R	SALES PERSON NO	CONTACT CODE	SHIP TO CITY	SHIP TO STATE	CUSTOMER NO
SANDIA NATIONAL LA...	Sandia National Labs	1000	---	ALBUQUERQUE	NM	SAN

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 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 Fourth Shift. Removing canceled Infor Fourth Shift Sales Order data from Microsoft Dynamics 365 has performed automatically.

SYNC for Infor Fourth Shift and Microsoft Dynamics 365

Dynamics 365 > Open Sales Orders > 1412189

1412189
Open Sales Orders

General Remaining Information Information Related

ExternalKey	1412189	Account_R	Sandia National Labs
Owner	Richard Jenkins	Customer_Records_R	00:SAN
Customer No	SAN	Contact_r	---
BILL TO NAME	Sandia National Labs	CUSTOMERPONO	1487351
ORDER TYPE	S	ORDER DATE	8/6/2014
NON TAXABLE AMT	47,600.00	ORDER STATUS	O
TAXABLESUBJECTTO DISCOUNT	0.00	TAXABLEAMT	0
COMMENT	---	PAYMENT TYPE	---
SALES ORDER NO	1412189		

Active Save

Dynamics 365 > Open Sales Orders > 1412189

1412189
Open Sales Orders

General Remaining Information **Information** Related

Orders Line Items									
ExternalKey ↑	SALES ORDE...	LINESEQ...	ITEM CO...	ITEM CODE DESC...	UNIT PRI...	QUANTITY ORDE...	EXTENSION ...	DISCOU...	ITEM TYPE
1412189:000002	1412189	00000200...	CUSTOM	CUSTOM ITEM: UI...	1,904.00	25.00	47,600.00	Y	1

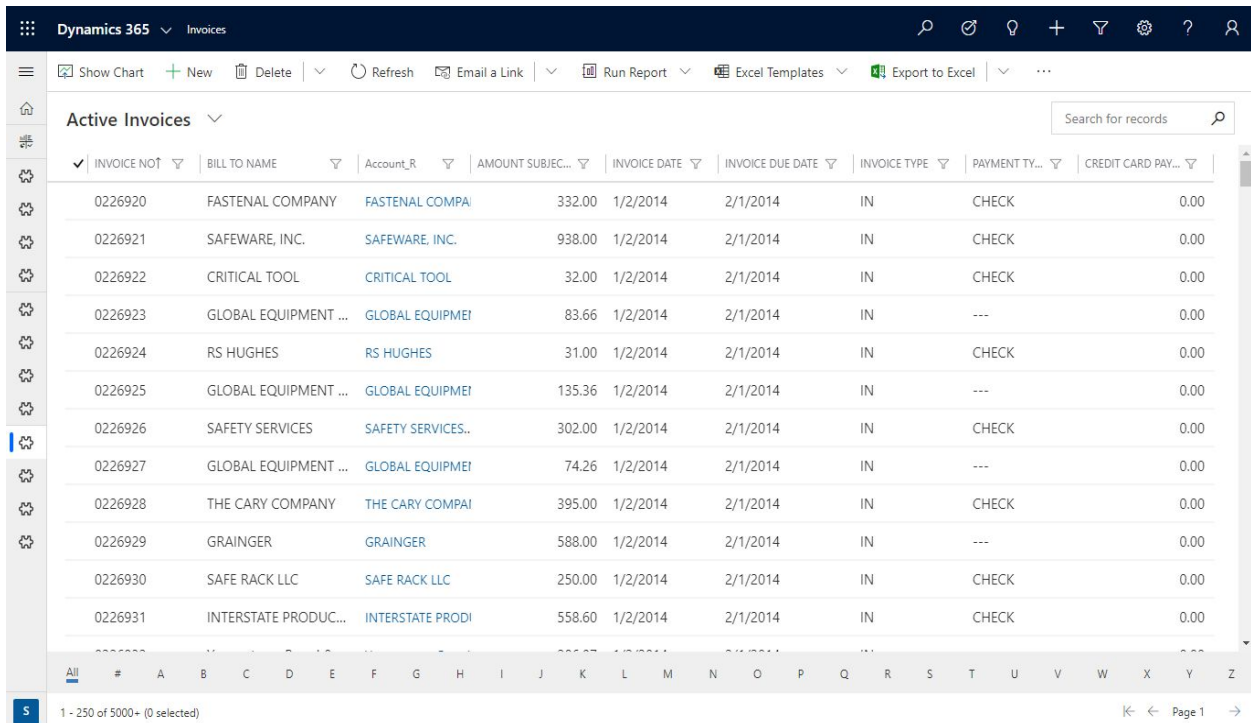
Active Save

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

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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.



The screenshot shows the 'Active Invoices' table in Microsoft Dynamics 365. The table has columns for INVOICE ID, BILL TO NAME, Account, AMOUNT, INVOICE DATE, INVOICE DUE DATE, INVOICE TYPE, PAYMENT TYPE, and CREDIT CARD PAYMENT. The data is filtered to show invoices from 1/2/2014 to 2/1/2014. The table is sorted by INVOICE ID in descending order.

INVOICE ID	BILL TO NAME	Account	AMOUNT	INVOICE DATE	INVOICE DUE DATE	INVOICE TYPE	PAYMENT TYPE	CREDIT CARD PAYMENT
0226920	FASTENAL COMPANY	FASTENAL COMPAN	332.00	1/2/2014	2/1/2014	IN	CHECK	0.00
0226921	SAFEWARE, INC.	SAFEWARE, INC.	938.00	1/2/2014	2/1/2014	IN	CHECK	0.00
0226922	CRITICAL TOOL	CRITICAL TOOL	32.00	1/2/2014	2/1/2014	IN	CHECK	0.00
0226923	GLOBAL EQUIPMENT ...	GLOBAL EQUIPMEI	83.66	1/2/2014	2/1/2014	IN	---	0.00
0226924	RS HUGHES	RS HUGHES	31.00	1/2/2014	2/1/2014	IN	CHECK	0.00
0226925	GLOBAL EQUIPMENT ...	GLOBAL EQUIPMEI	135.36	1/2/2014	2/1/2014	IN	---	0.00
0226926	SAFETY SERVICES	SAFETY SERVICES..	302.00	1/2/2014	2/1/2014	IN	CHECK	0.00
0226927	GLOBAL EQUIPMENT ...	GLOBAL EQUIPMEI	74.26	1/2/2014	2/1/2014	IN	---	0.00
0226928	THE CARY COMPANY	THE CARY COMPAN	395.00	1/2/2014	2/1/2014	IN	CHECK	0.00
0226929	GRAINGER	GRAINGER	588.00	1/2/2014	2/1/2014	IN	---	0.00
0226930	SAFE RACK LLC	SAFE RACK LLC	250.00	1/2/2014	2/1/2014	IN	CHECK	0.00
0226931	INTERSTATE PRODUC...	INTERSTATE PRODI	558.60	1/2/2014	2/1/2014	IN	CHECK	0.00

The AR Invoice (see below)

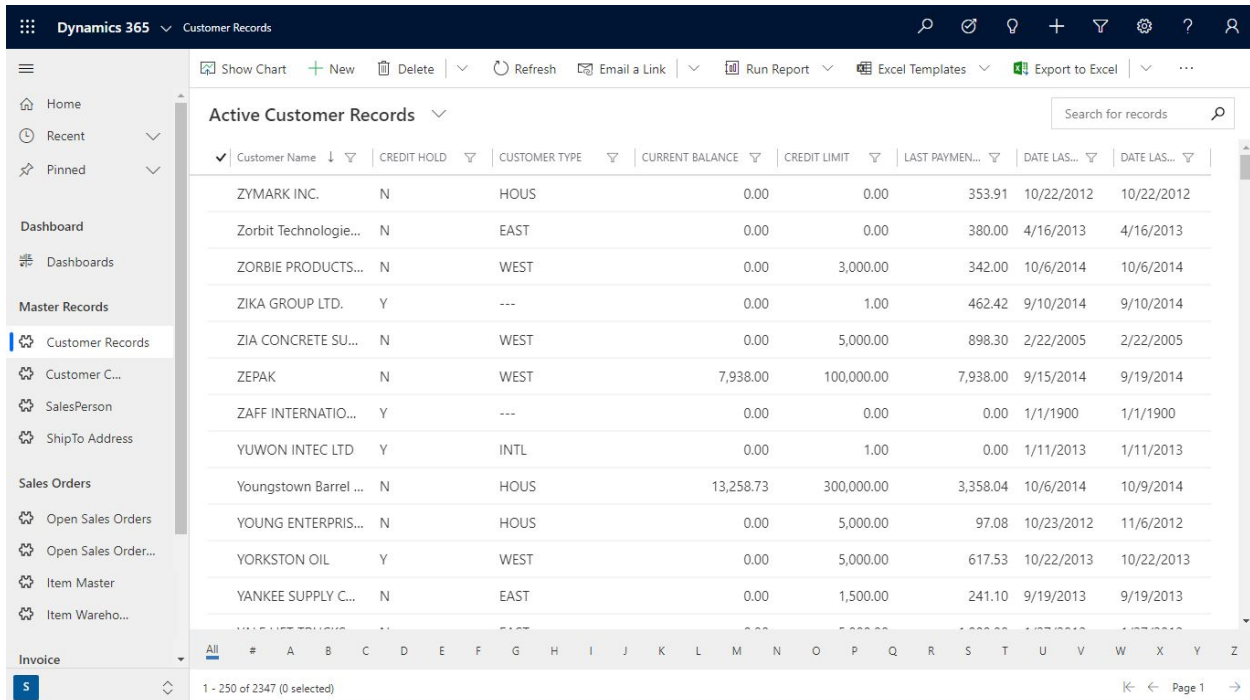
- The AR Invoice is a record that is synced and related to the **Invoiced Sales Order Data**, and **Invoice Payments**.
- The AR Invoice data is useful for identifying unpaid invoices and locating the data, in which the customer needs to pay for the services used.
- The other records which are used in 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

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Commercient links the entire **Item** and **Warehouse** records to the **Product**.

- This gives you the ability to have accurate product data and Inventory availability. In addition, you can **SYNC any Database, table, or view**.



Dynamics 365 Customer Records

Active Customer Records

Customer Name	CREDIT HOLD	CUSTOMER TYPE	CURRENT BALANCE	CREDIT LIMIT	LAST PAYMENT	DATE LAST PAYMENT
ZYMARK INC.	N	HOUS	0.00	0.00	353.91	10/22/2012
Zorbit Technologie...	N	EAST	0.00	0.00	380.00	4/16/2013
ZORBIIE PRODUCTS...	N	WEST	0.00	3,000.00	342.00	10/6/2014
ZIKA GROUP LTD.	Y	---	0.00	1.00	462.42	9/10/2014
ZIA CONCRETE SU...	N	WEST	0.00	5,000.00	898.30	2/22/2005
ZEPAK	N	WEST	7,938.00	100,000.00	7,938.00	9/15/2014
ZAFF INTERNATIO...	Y	---	0.00	0.00	0.00	1/1/1900
YUWON INTEC LTD	Y	INTL	0.00	1.00	0.00	1/11/2013
Youngstown Barrel ...	N	HOUS	13,258.73	300,000.00	3,358.04	10/6/2014
YOUNG ENTERPRIS...	N	HOUS	0.00	5,000.00	97.08	10/23/2012
YORKSTON OIL	Y	WEST	0.00	5,000.00	617.53	10/22/2013
YANKEE SUPPLY C...	N	EAST	0.00	1,500.00	241.10	9/19/2013

1 - 250 of 2347 (0 selected)

What if I have an existing Microsoft Dynamics 365 database?

Clients with existing records in both Infor Fourth Shift and Microsoft Dynamics 365 must consult with the Commercient Professional Services team to perform a clean-up and match-up of records before the Commercient SYNC is enabled.

Can I limit or control the data that I SYNC?

Yes. Commercient has created an open methodology of allowing you to control the filtering of data in the SQL WHERE statement while maintaining the integrity of relationship mapping and efficient syncing methodologies. Within the WHERE

you can perform sub-queries, filters, and cross-table and cross-database subqueries to affect the rules. In addition, you can also map custom tables or views. (Charges may apply.)

What else does Commerciant do with Microsoft Dynamics 365?

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

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

System Requirements:

Microsoft Dynamics 365 Group, Professional, Enterprise editions or higher.
Microsoft Dynamics 365 API is included at no charge.

Company Information:

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Commerciant is a cloud-based company that connects Microsoft Dynamics 365 directly to your Infor Fourth Shift system. Our open SYNC Agent works with software such as Epicor, SYSPRO, Traverse, and other ERP accounting systems. Commerciant 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.commerciant.com>