



SYNC for Sage 50 US and Microsoft Dynamics CRM

App Name: Commercient SYNC for Sage 50 US and Microsoft Dynamics CRM

Commercient SYNC, the #1 data integration platform for sales, makes it possible for your sales team to see Sage 50 US data directly in Microsoft Dynamics CRM. With SYNC, Sage 50 US and Microsoft Dynamics CRM are integrated, and you'll be able to access important Sage 50 US data directly in the Microsoft Dynamics CRM.

Commercient SYNC is available for Sage 50 (Cloud Pro & Premium, UK, US EU, Canada) Sage 100 (Contractor & France) Sage 200 (Pro) Sage 300, Sage 300 Construction Real Estate, Sage 500 (Line) Sage 1000, Sage Intacct, Sage Enterprise Management (Sage X3) and Sage Business Works. Commercient

SYNC Agent is rapidly deployable and gives you easy access to your Sage 50 US information in Microsoft Dynamics CRM. 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 CRM are SYNC'd to Sage 50 US.

About the SYNC:

- Unlike traditional data integration tools such as an ETL, there is no coding, mapping, or server. We handle everything, so you can focus on growing your business.
- Changes are reflected in Microsoft Dynamics CRM in real time as the records in Sage 50 US change.
- Commercient SYNC for Sage 50 US is built by ERP & CRM integration experts.
- Commercient software provides Sage 50 US users with a “CRM in the cloud” experience.
- Any field synced from Sage 50 US can be displayed on the Microsoft Dynamics CRM screen. All the data Commercient syncs to Sage 50 US

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becomes part of Microsoft Dynamics CRM's native database. As such, you can perform any Microsoft Dynamics CRM function on the data—from graphing to dashboards to using third-party apps that can make use of the data.

- Commercient has provided the means to make the data searchable in Microsoft Dynamics CRM. For instance, if you search for a serial number you can find the Invoice Records and Sales Order records that pertain to it.
- The SYNC tool only uploads or updates data when it has changed.
- Implementing Commercient SYNC creates a simple data integration pathway between Sage 50 US and Microsoft Dynamics CRM. Our SYNC solution also enables you to prevent the duplication of data, handle custom objects in Microsoft Dynamics CRM, and take advantage of the premier support.
- Commercient has an eye for detail and has programmed its services to make efficient use of tracking changes and submitting records to the Microsoft Dynamics CRM API in a single call. The result is that Commercient significantly reduces the likelihood of exceeding the Microsoft Dynamics CRM AP Sage 50 US limits. If a daily limit is reached, which can occur during the initial SYNC of a large Sage 50 US system, Commercient will continue to SYNC where it left off on the following day.

What is Synchronized?

What Commercient initially SYNCs:

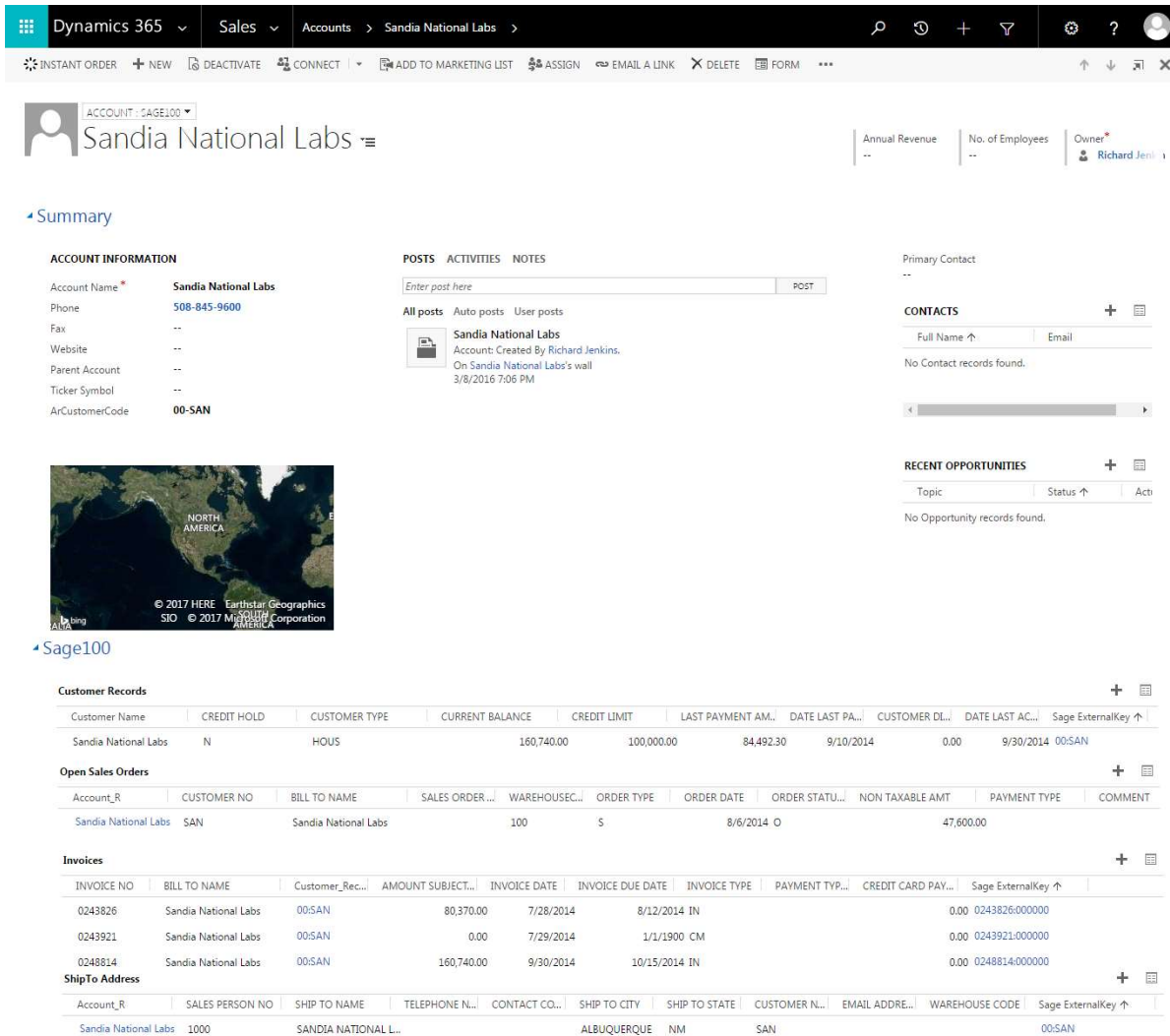
1. Financial accounting data
2. Customer data
3. Sales order data
4. Invoice data

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5. Products
6. Custom Workflows / Opportunities / Orders / Invoices / Custom Objects
7. Plus any other data customers request

The **SAGE 50 US AR Customer record** is the first item to be synced. As you can see below. Customers in Sage 50 US are synchronized into Microsoft Dynamics CRM Account records. The Customer's Ship To and Bill To addresses in Sage 50 US are mapped to Microsoft Dynamics CRM's address fields using a



The screenshot displays the Microsoft Dynamics CRM interface for the account 'Sandia National Labs'. The top navigation bar shows 'Dynamics 365 > Sales > Accounts > Sandia National Labs'. Below the navigation bar, there are various action buttons like 'INSTANT ORDER', 'NEW', 'DEACTIVATE', 'CONNECT', 'ADD TO MARKETING LIST', 'ASSIGN', 'EMAIL A LINK', 'DELETE', and 'FORM'. The main content area is divided into several sections:

- Summary:** Includes 'ACCOUNT INFORMATION' (Account Name: Sandia National Labs, Phone: 508-845-9600, Fax: --, Website: --, Parent Account: --, Ticker Symbol: --, ArCustomerCode: 00-SAN) and 'POSTS' (A post titled 'Sandia National Labs' created by Richard Jenkins on 3/8/2016 at 7:06 PM).
- Primary Contact:** Shows 'Richard Jeni' as the owner.
- CONTACTS:** A table with columns for Full Name and Email, currently showing 'No Contact records found.'
- RECENT OPPORTUNITIES:** A table with columns for Topic, Status, and Act, currently showing 'No Opportunity records found.'
- Sage100:** A section containing three tables:
 - Customer Records:** A table with columns for Customer Name, CREDIT HOLD, CUSTOMER TYPE, CURRENT BALANCE, CREDIT LIMIT, LAST PAYMENT AM., DATE LAST PA., CUSTOMER DL., DATE LAST AC., and Sage ExternalKey. It shows one record for Sandia National Labs.
 - Open Sales Orders:** A table with columns for Account_R, CUSTOMER NO, BILL TO NAME, SALES ORDER..., WAREHOUSE..., ORDER TYPE, ORDER DATE, ORDER STATU..., NON TAXABLE AMT, PAYMENT TYPE, and COMMENT. It shows one order for Sandia National Labs.
 - Invoices:** A table with columns for INVOICE NO, BILL TO NAME, Customer_Rec..., AMOUNT SUBJECT..., INVOICE DATE, INVOICE DUE DATE, INVOICE TYPE, PAYMENT TYP..., CREDIT CARD PAY..., and Sage ExternalKey. It shows three invoices for Sandia National Labs.
 - ShipTo Address:** A table with columns for Account_R, SALES PERSON NO, SHIP TO NAME, TELEPHONE N..., CONTACT CO..., SHIP TO CITY, SHIP TO STATE, CUSTOMER N..., EMAIL ADDRE..., WAREHOUSE CODE, and Sage ExternalKey. It shows one address for Sandia National Labs.

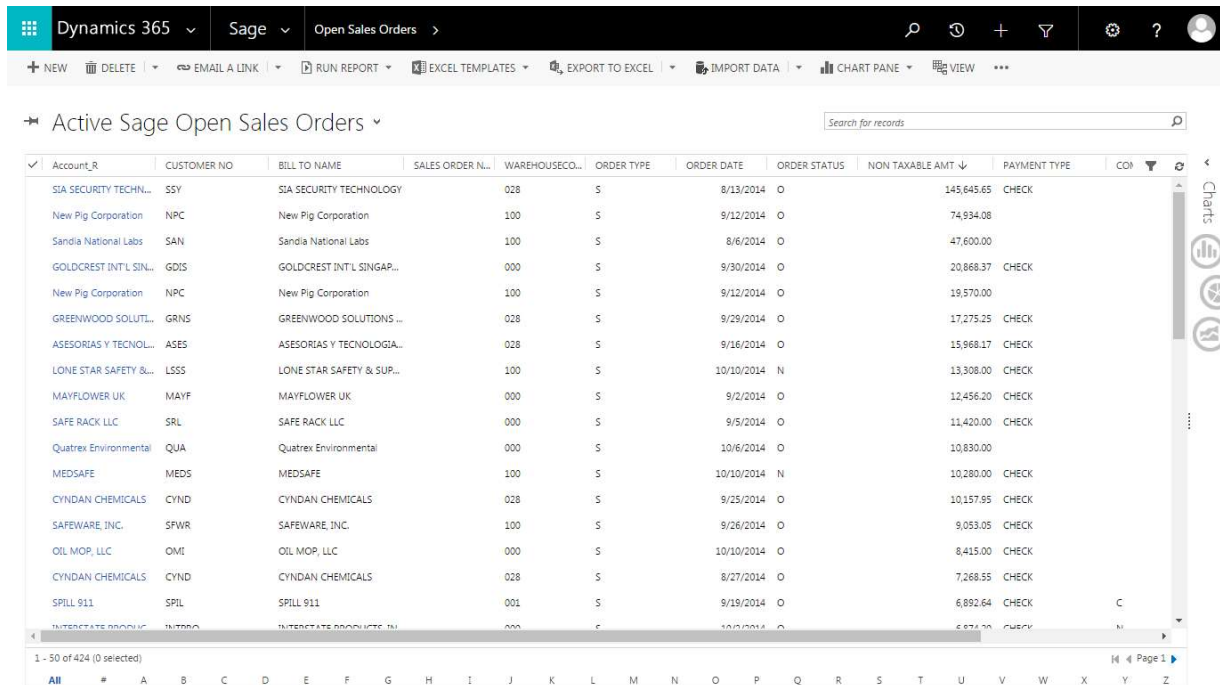
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mapping schema. The Sage 50 US Customer fields can be displayed on the Microsoft Dynamics CRM screen however, you may decide to show Credit Limit, Outstanding Invoice Value, and the On-Hold status onto the screen while hiding other fields. By clicking on the Sage 50 US Customer Record, you can see all the fields that are synchronized.

Once the Customer Record is in Microsoft Dynamics CRM, Commercient then SYNCs the **Sales Orders and their Detail Lines** and relates them to the corresponding Microsoft Dynamics CRM Account record. Commercient has consolidated the Sales Order data and the **Invoiced Sales Order data** into single merged objects in Microsoft Dynamics CRM to simplify the Microsoft Dynamics CRM screens. As seen below. With this approach, a user can easily see Sales orders and Detail Lines with their Invoices, as well as viewing the status of Sales Orders as they change in Sage 50 US. Cleansing of Cancelled Sage 50 US Sales Order data from Microsoft Dynamics CRM is performed automatically.



The screenshot shows the Microsoft Dynamics CRM interface with the following table of Active Sage Open Sales Orders:

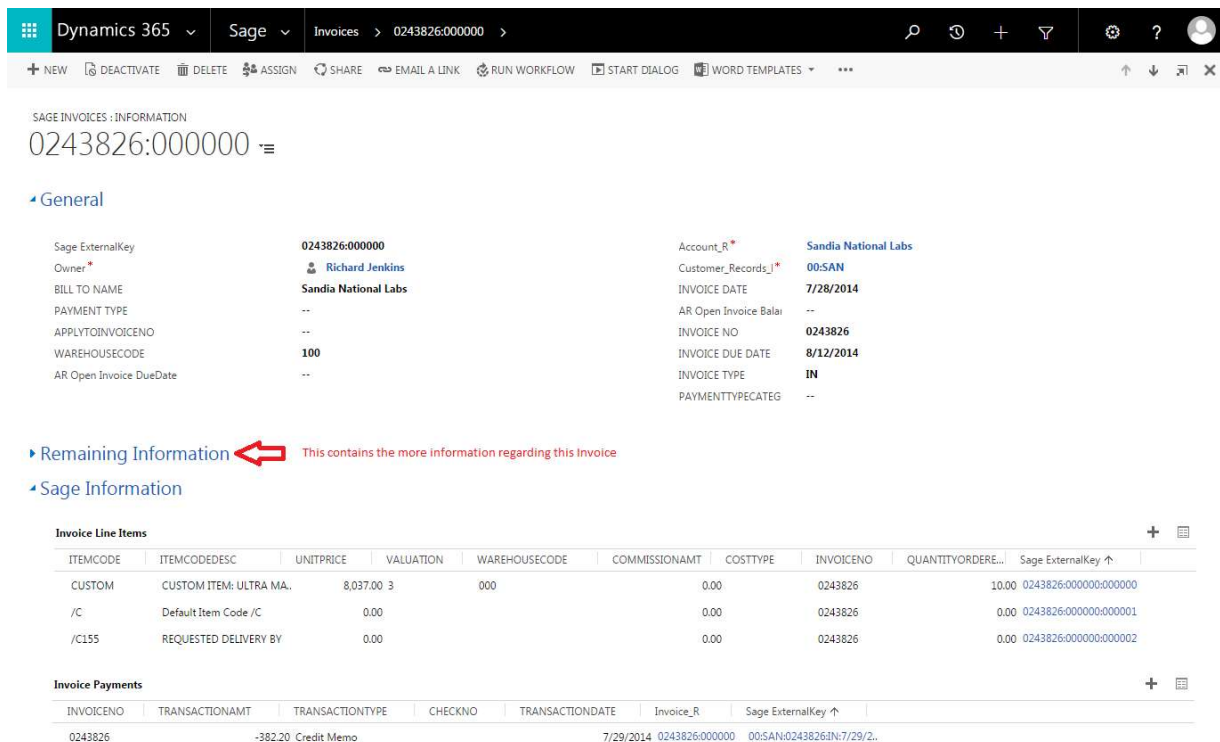
Account_R	CUSTOMER NO	BILL TO NAME	SALES ORDER N...	WAREHOUSECO...	ORDER TYPE	ORDER DATE	ORDER STATUS	NON TAXABLE AMT	PAYMENT TYPE	COB
SIA SECURITY TECHN...	SSY	SIA SECURITY TECHNOLOGY	028	S	S	8/13/2014	O	145,645.65	CHECK	
New Pig Corporation	NPC	New Pig Corporation	100	S	S	9/12/2014	O	74,934.08		
Sandia National Labs	SAN	Sandia National Labs	100	S	S	8/6/2014	O	47,600.00		
GOLDCREST INT'L SIN...	GDIS	GOLDCREST INT'L SINGAP...	000	S	S	9/30/2014	O	20,868.37	CHECK	
New Pig Corporation	NPC	New Pig Corporation	100	S	S	9/12/2014	O	19,570.00		
GREENWOOD SOLUTL...	GRNS	GREENWOOD SOLUTIONS ...	028	S	S	9/29/2014	O	17,275.25	CHECK	
ASESORIAS Y TECNOL...	ASES	ASESORIAS Y TECNOLOGIA...	028	S	S	9/16/2014	O	15,968.17	CHECK	
LONE STAR SAFETY &...	LSSS	LONE STAR SAFETY & SUP...	100	S	S	10/10/2014	N	13,308.00	CHECK	
MAYFLOWER UK	MAYF	MAYFLOWER UK	000	S	S	9/2/2014	O	12,456.20	CHECK	
SAFE RACK LLC	SRL	SAFE RACK LLC	000	S	S	9/5/2014	O	11,420.00	CHECK	
Quatrex Environmental	QUA	Quatrex Environmental	000	S	S	10/6/2014	O	10,830.00		
MEDSAFE	MEDS	MEDSAFE	100	S	S	10/10/2014	N	10,280.00	CHECK	
CYNDAN CHEMICALS	CYND	CYNDAN CHEMICALS	028	S	S	9/25/2014	O	10,157.95	CHECK	
SAFEWARE, INC.	SFWR	SAFEWARE, INC.	100	S	S	9/26/2014	O	9,053.05	CHECK	
OIL MOP, LLC	OMI	OIL MOP, LLC	000	S	S	10/10/2014	O	8,415.00	CHECK	
CYNDAN CHEMICALS	CYND	CYNDAN CHEMICALS	028	S	S	8/27/2014	O	7,268.55	CHECK	
SPILL 911	SPIL	SPILL 911	001	S	S	9/19/2014	O	6,892.64	CHECK	C
INTERSTATE PRODU...	INTRO	INTERSTATE PRODUCE, IN...	000	S	S	10/01/2014	O	6,874.00	CHECK	

Commercient has crafted the relationships with the data objects in Microsoft
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Dynamics CRM so that you have the power to decide which objects you would like to display onscreen. You are still always able to click to other parent- 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 salespeople to see what was sold and shipped from the main Account screen without clicking anywhere; but they can still click the Sales Order link on the detail line to open the full Sales Order Screen.

The **AR Invoice** records are synced and related to the **Invoiced Sales Order Data**, and the Invoice Payments. As seen below.



General

Sage ExternalKey	0243826:000000	Account_R*	Sandia National Labs
Owner*	Richard Jenkins	Customer_Records_1*	00:SAN
BILL TO NAME	Sandia National Labs	INVOICE DATE	7/28/2014
PAYMENT TYPE	--	AR Open Invoice Balan	--
APPLYTOINVOICENO	--	INVOICE NO	0243826
WAREHOUSECODE	100	INVOICE DUE DATE	8/12/2014
AR Open Invoice DueDate	--	INVOICE TYPE	IN
		PAYMENTTYPECAT	--

▶ Remaining Information  This contains the more information regarding this Invoice

▶ Sage Information

Invoice Line Items

ITEMCODE	ITEMCODEDESC	UNITPRICE	VALUATION	WAREHOUSECODE	COMMISSIONAMT	COSTTYPE	INVOICENO	QUANTITYORDERE...	Sage ExternalKey ↑
CUSTOM	CUSTOM ITEM: ULTRA MA.	8,037.00	3	000	0.00		0243826	10.00	0243826:000000:000000
/C	Default Item Code /C	0.00			0.00		0243826	0.00	0243826:000000:000001
/C155	REQUESTED DELIVERY BY	0.00			0.00		0243826	0.00	0243826:000000:000002

Invoice Payments

INVOICENO	TRANSACTIONAMT	TRANSACTIONTYPE	CHECKNO	TRANSACTIONDATE	Invoice_R	Sage ExternalKey ↑
0243826	-382.20	Credit Memo		7/29/2014	0243826:000000	00:SAN:0243826IN:7/29/2.

The AR Invoice data is useful for spotting unpaid invoices and being able to drill down into the data. The other records which are synchronized include the **AR Customer Ship to Tax Exemptions, Item Master, and Item Warehouse**. Commercient creates **Microsoft Dynamics CRM Products** from the **Item Master** and associates the entire **Item** and **Warehouse** records to the Product.

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

What if I have an existing Microsoft Dynamics CRM database?

Clients with existing records in both Sage 50 US and Microsoft Dynamics CRM must consult with the Commerciant Professional Services team to perform a clean-up and match-up of records before the Commerciant SYNC is enabled.

Can I limit or control the data that I SYNC?

Yes. Commerciant 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 subqueries, 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 CRM?

Data synchronization is the first step towards a total solution. Ask about these additional modules for Sage 50 US:

- 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 Sage 50 US Invoices
- Automatic Sage 50 US Sales Order Email Engine
- Automatic Invoice Email Engine
- Dealer/Wholesaler Self-Service Portal

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SYNC for Sage 50 US and Microsoft Dynamics CRM

- Custom Data synchronization
- SF Account Conversion to Sage 50 US AR Customer

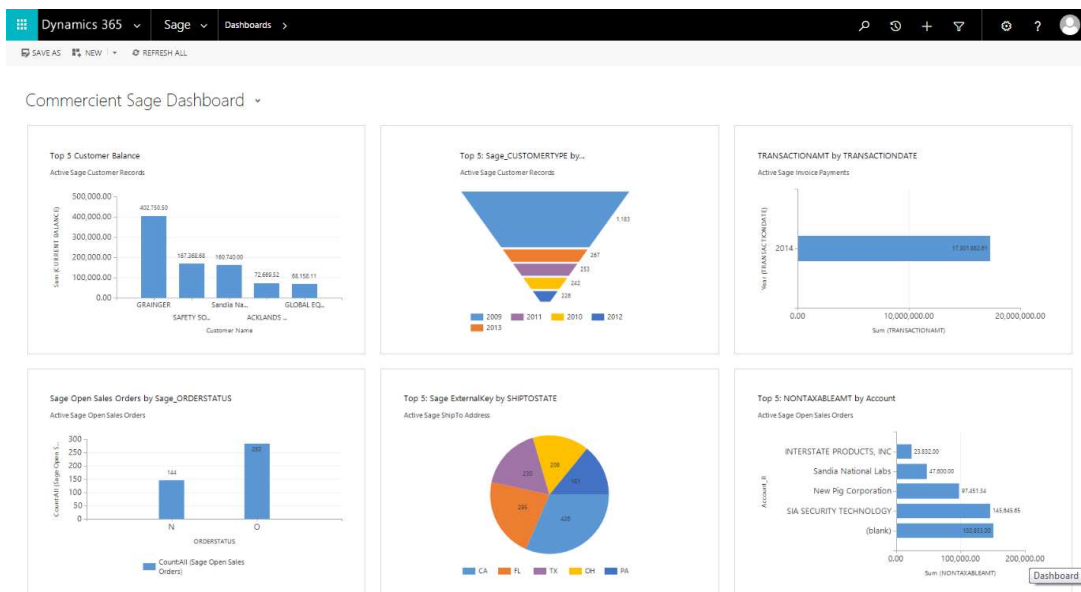
System Requirements:

Microsoft Dynamics CRM Group, Professional, Enterprise editions or higher. Microsoft Dynamics CRM API is included at no charge. Own the Sage 50 US software.

Company Information:

Commercient is a cloud-based company that connects Microsoft Dynamics CRM directly to your Sage 50 US system. Our open SYNC Agent works with ERPs such as Sage 50 US, SYSPRO, Traverse, and other Sage 50 US 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 www.commercient.com.



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