



Advanced Features for the Manager and EBMS Admin

Engage 2019
EBMS User Conference

Nathaniel Gingrich

COO, EBMS Program Manager, and EBMS Client



What is EBMS?

- Data!
- Data!
- Data!
- A Big Calculator

The screenshot shows a Windows File Explorer window titled 'Demo' with the address bar set to 'C:\EBMS\EBMS_Data\Demo\ARINV - Wdbmaint'. The left pane shows a list of files including ARFRGHT.FPT, ARGTRAN.CDX, ARGTRAN.DBF, ARINV.CDX, ARINV.DBF (selected), ARINV.FPT, ARINVCOM.CDX, ARINVCOM.DBF, ARINVDET.CDX, ARINVDET.DBF, ARINVDET.FPT, ARINVPMT.CDX, ARINVPMT.DBF, ARINVPMTDET.CDX, ARINVPMTDET.DBF, ARINVRETN.CDX, ARINVRETN.DBF, ARINVRETN.FPT, ARINVTAX.CDX, ARINVTAX.DBF, and ARJRN.CDX. The right pane shows a database application window titled 'C:\EBMS\EBMS_Data\Demo\ARINV - Wdbmaint' with a menu bar (File, Edit, Search, Maintenance, Help) and a toolbar (Append, Delete, Undelete, Lock Record, Unlock All, Lock File). The main area displays a table with columns: Deleted, ID, NAME, ADDRESS1, ADDRESS2, CITY, STATE, ZIP, INVOICE, and DESCR. The table contains 20 rows of data.

Deleted	ID	NAME	ADDRESS1	ADDRESS2	CITY	STATE	ZIP	INVOICE	DESCR
	ARDLAN	Arden's Landscaping	PO Box 190		Amway	PA	19320	1001	20 Oz. Can of Spray Paint
	MILJAC	Jack Miller	1234 West Main Street		Gordonville	PA	17559	1005	Gallon of Valspar Flat Paint
	DUKKEN	Ken Duke	890 Beaver Blvd.		Horsham	PA	19345	1004	3 inch Paint Brush
	KENPAI	Ken's Painting	45 Orange Street		Lancaster	PA	17601	1007	Gallon of Valspar Semi-Gloss Paint
	MILJOH	John Miller	234 Mill Street		Gordonville	PA	17559	1008	4 inch Paint Brush
	EVACAR	Carl Evans	PO Box 34		Mainline	PA	19933	1009	10 lb. Sledge Hammer
	DISPAI	Discount Paint Center	78 Old Hickory Lane		Newlinville	PA	19789	1010	Gallon of Valspar Semi-Gloss Paint
	ELMKEI	Keith Elmer	125 North Potts Rd		Pottstown	PA	19640	1011	3 inch Paint Brush
	DOEJOH	John Doe	99 Pine St		Willowdale	PA	16633	1012	Gallon of Valspar Premium Gloss Paint
	CASH	Cash Customer						1013	3 inch Paint Brush
	KENPAI	Ken's Painting	45 Orange Street		Lancaster	PA	17601	1014	Gallon of Valspar Flat Paint
	ARDLAN	Arden's Landscaping	PO Box 190		Amway	PA	19320	1015	25' Garden Hose
	DUKKEN	Ken Duke	890 Beaver Blvd.		Horsham	PA	19345	1016	Adjustable Wrench
	ZURMIK	Mike Zurich	39 Evergreen St		Trenton	PA	18499	1017	Stihl Chainsaw
	CASH	Cash Customer						1018	Gallon of Valspar Flat Paint
	ROBMAR	Mary Robinson	2115 Valley Creek Rd		Hattboro	PA	19999	1020	Adjustable Wrench
	MILJOH	John Miller	234 Mill Street		Gordonville	PA	17559	1021	Gallon of Valspar Flat Paint
	DISPAI	Discount Paint Center	78 Old Hickory Lane		Newlinville	PA	19789	1022	Gallon of Valspar Premium Gloss Paint
	MILJAC	Jack Miller	1234 West Main Street		Gordonville	PA	17559	1023	25' Garden Hose
	WHODIS	B & G Retailers	PO Box 567		Harrisburg	PA	17344	1024	Gallon of Valspar Flat Paint



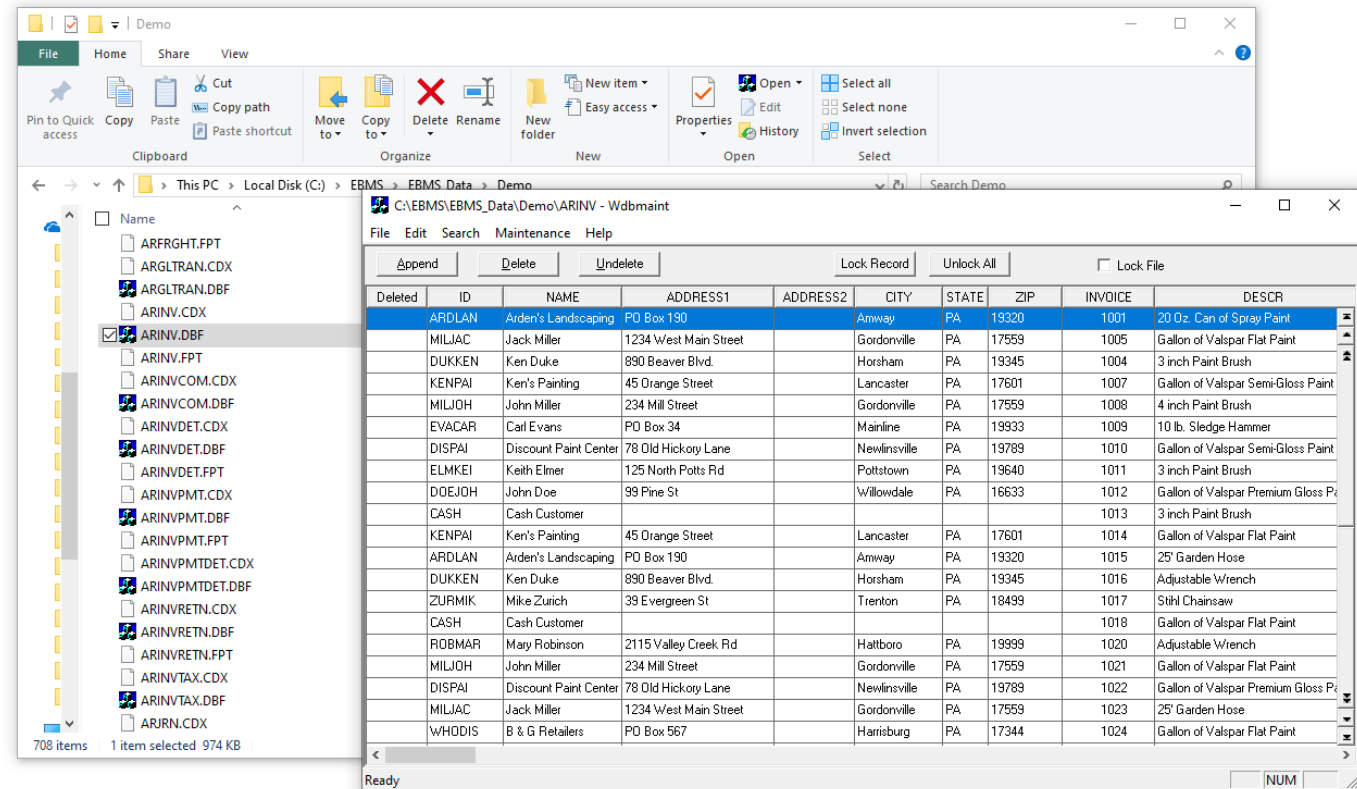
The EBMS Data Server

Caring for your most valuable EBMS asset—DATA



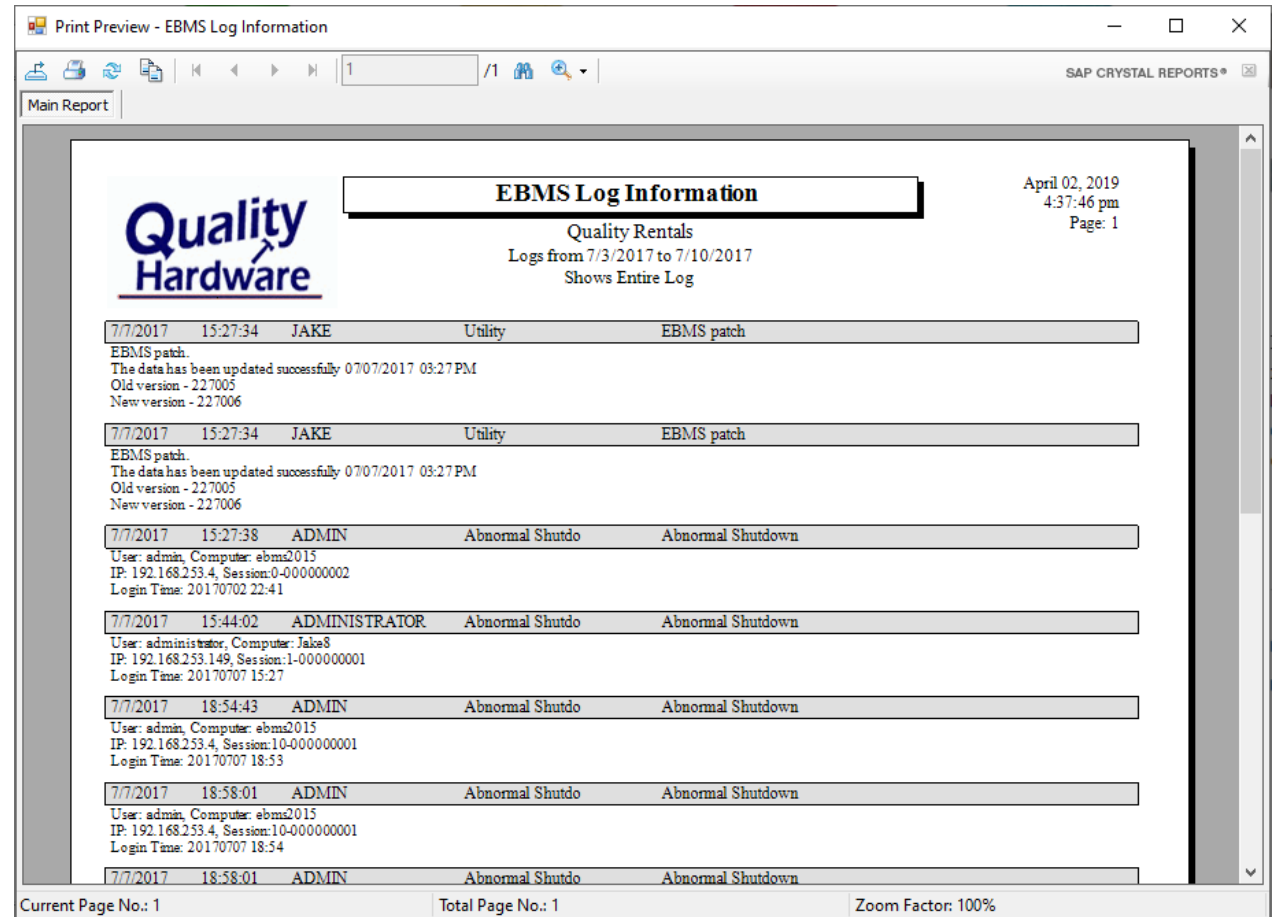
Securing EBMS data

- EBMS Client/Server (software)
- EBMS Data Server (computer)
 - Do not share the folder the EBMS Data lives in.
- Named EBMS user logins
- Backups
 - In-house
 - Cloud



Monitoring EBMS Logs

- EBMS Log Information Report
 - Who did what?
 - Who is experiencing bad network connections?



EBMS Log Information				
Quality Rentals				
Logs from 7/3/2017 to 7/10/2017				
Shows Entire Log				
7/7/2017	15:27:34	JAKE	Utility	EBMS patch
EBMS patch. The data has been updated successfully 07/07/2017 03:27 PM Old version - 227005 New version - 227006				
7/7/2017	15:27:34	JAKE	Utility	EBMS patch
EBMS patch. The data has been updated successfully 07/07/2017 03:27 PM Old version - 227005 New version - 227006				
7/7/2017	15:27:38	ADMIN	Abnormal Shutdo	Abnormal Shutdown
User: admin, Computer: ebms2015 IP: 192.168.253.4, Session:0-000000002 Login Time: 20170702 22:41				
7/7/2017	15:44:02	ADMINISTRATOR	Abnormal Shutdo	Abnormal Shutdown
User: administrator, Computer: Jake8 IP: 192.168.253.149, Session:1-000000001 Login Time: 20170707 15:27				
7/7/2017	18:54:43	ADMIN	Abnormal Shutdo	Abnormal Shutdown
User: admin, Computer: ebms2015 IP: 192.168.253.4, Session:10-000000001 Login Time: 20170707 18:53				
7/7/2017	18:58:01	ADMIN	Abnormal Shutdo	Abnormal Shutdown
User: admin, Computer: ebms2015 IP: 192.168.253.4, Session:10-000000001 Login Time: 20170707 18:54				
7/7/2017	18:58:01	ADMIN	Abnormal Shutdo	Abnormal Shutdown

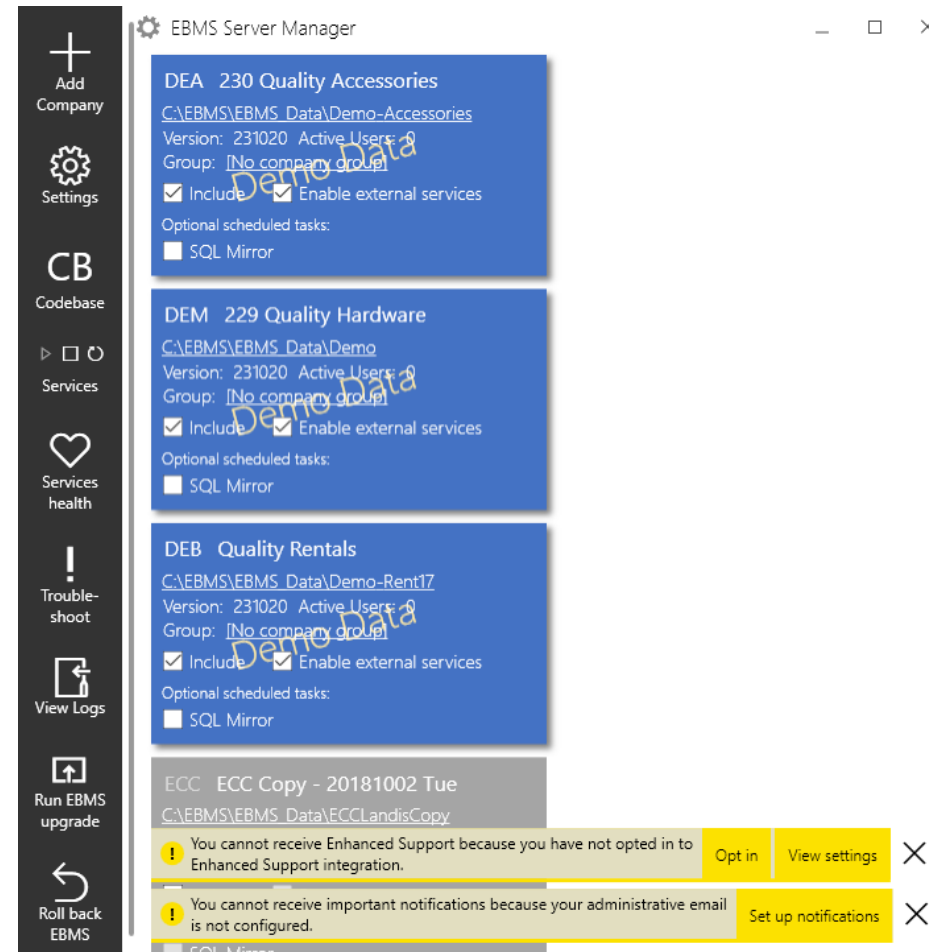
Current Page No.: 1 Total Page No.: 1 Zoom Factor: 100%



EBMS Server Manager

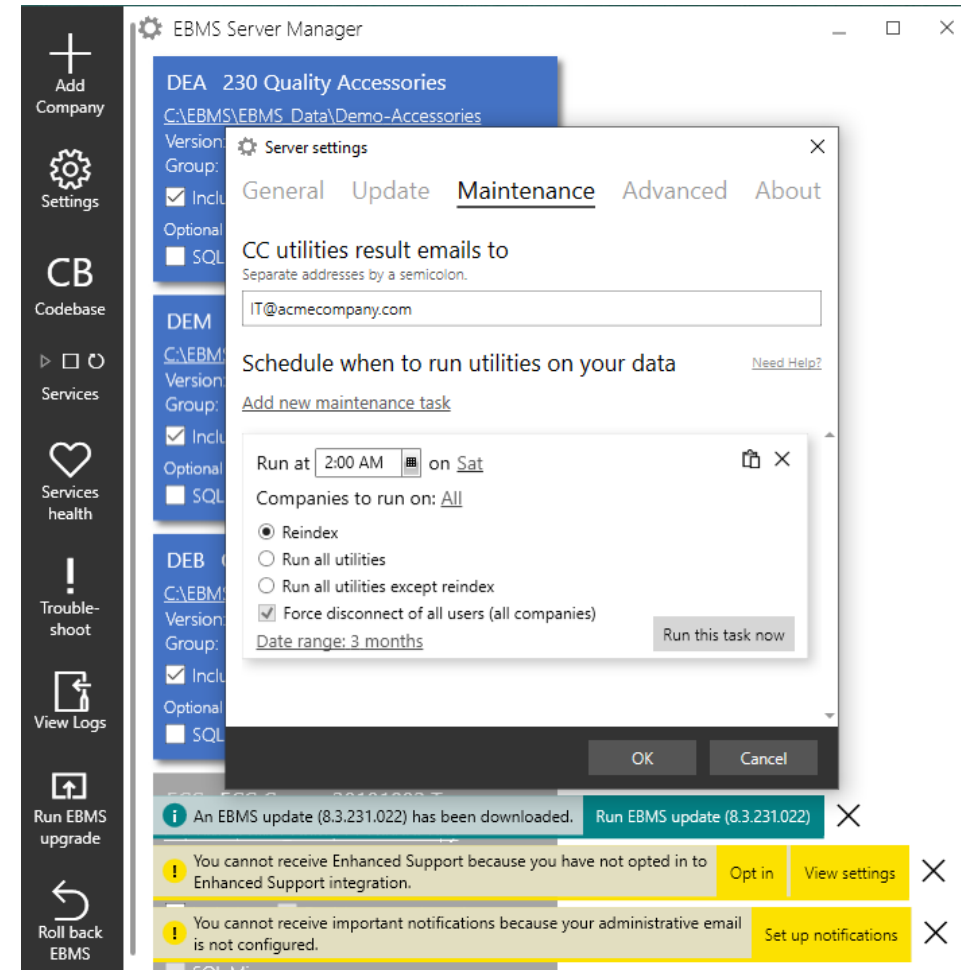
- The “Go-to” Admin tool (EBMS 8.1+)
 - Installed on the EBMS Data Server
 - Manages all the connections to the data
 - Checks for and downloads EBMS updates/upgrades
 - Notifies the EBMS Admin of incidents
 - Sends log info to Eagle Business Software for proactive fixes, etc.

“Troubleshoot” is a great friend!



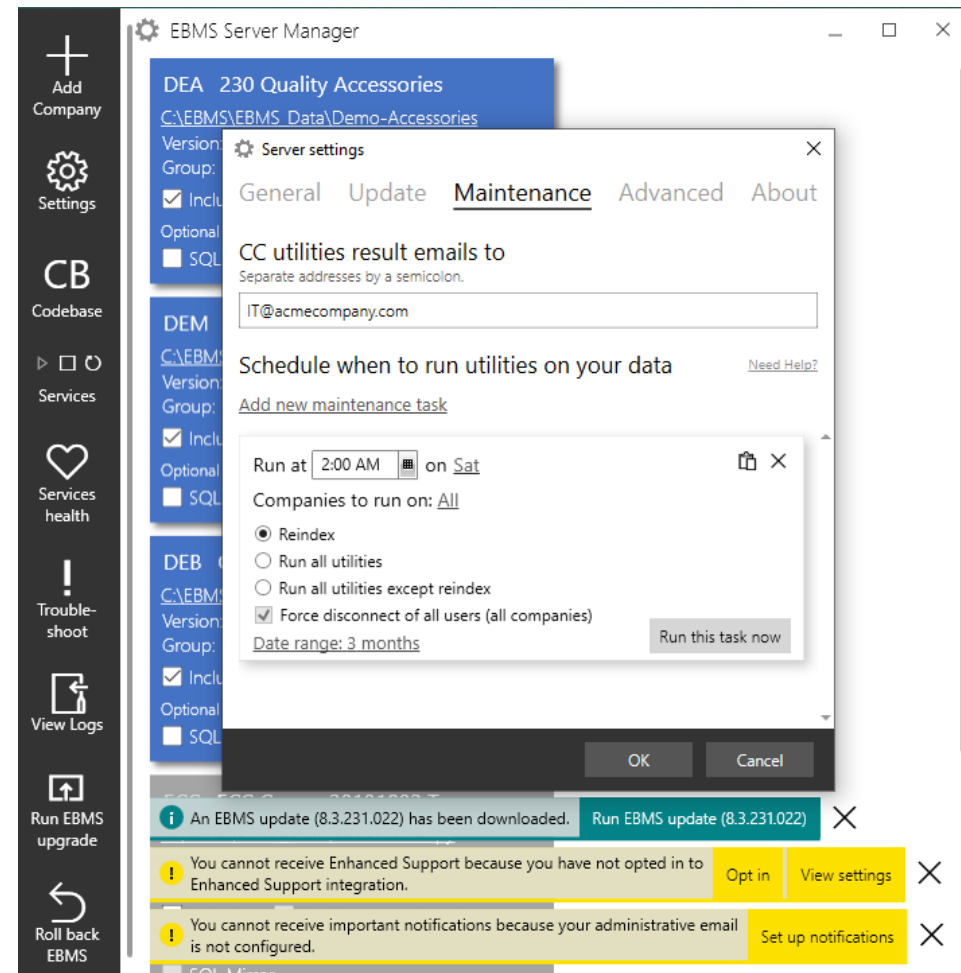
Keeping EBMS Data Happy

- Scheduled Maintenance Utilities
 - Checking for data integrity
 - Automatically fixing many data issues
 - Re-indexing improves performance
 - Reports emailed to the EBMS Admin(s) and cc'd to anyone else specified



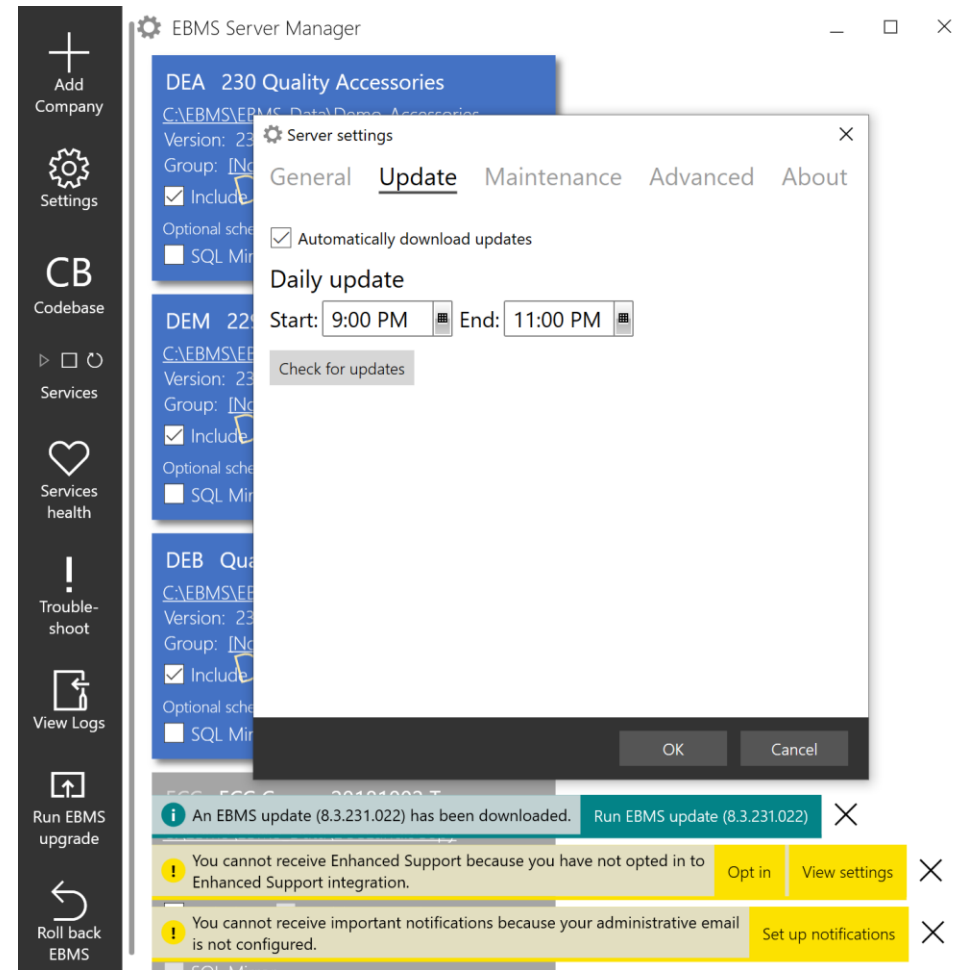
Providing a great place for EBMS to Live

- EBMS Data Server with a big “pipe”
 - High CPU clock speed
 - Motherboard with high Bus Speeds
 - Fast hard drives
- EBMS is not multi-threaded
- Reduce what other programs on the server are competing with EBMS
- Use a Remote Monitoring and Management solution (RMM) to monitor disk health etc.
- Backup in-house and to the cloud
- EBMS is network sensitive
 - No tight corners on cable
 - Watch for stray voltage!



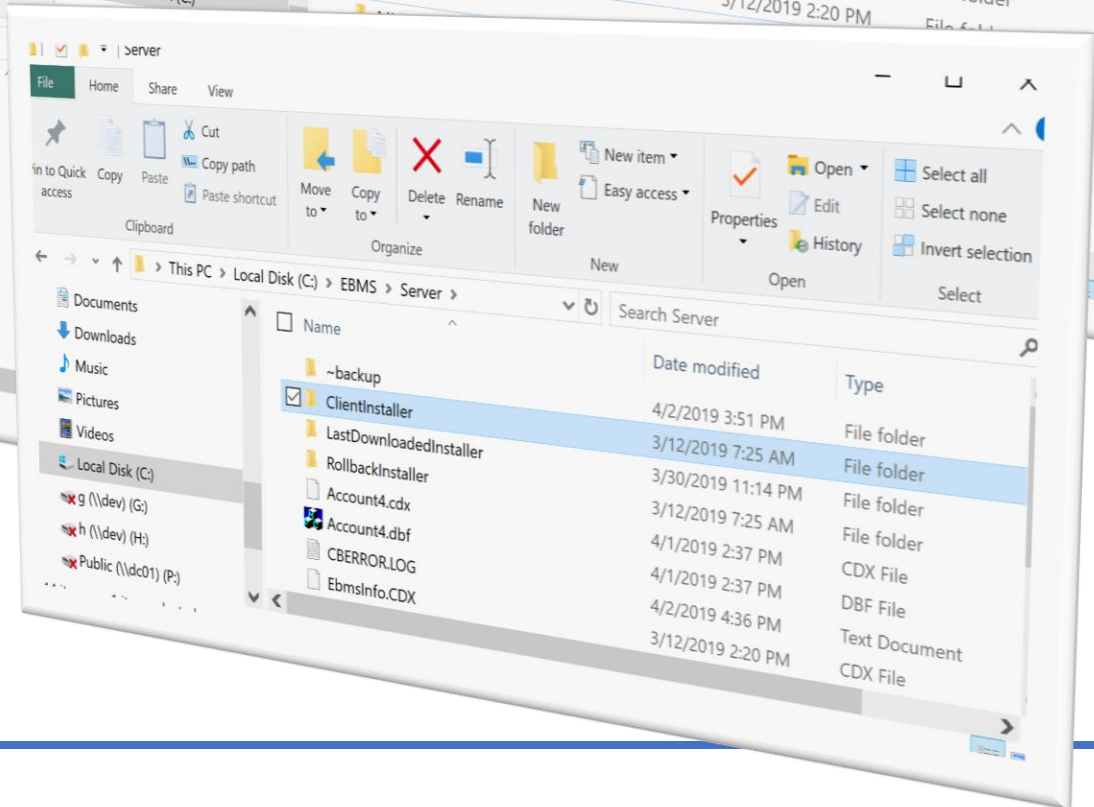
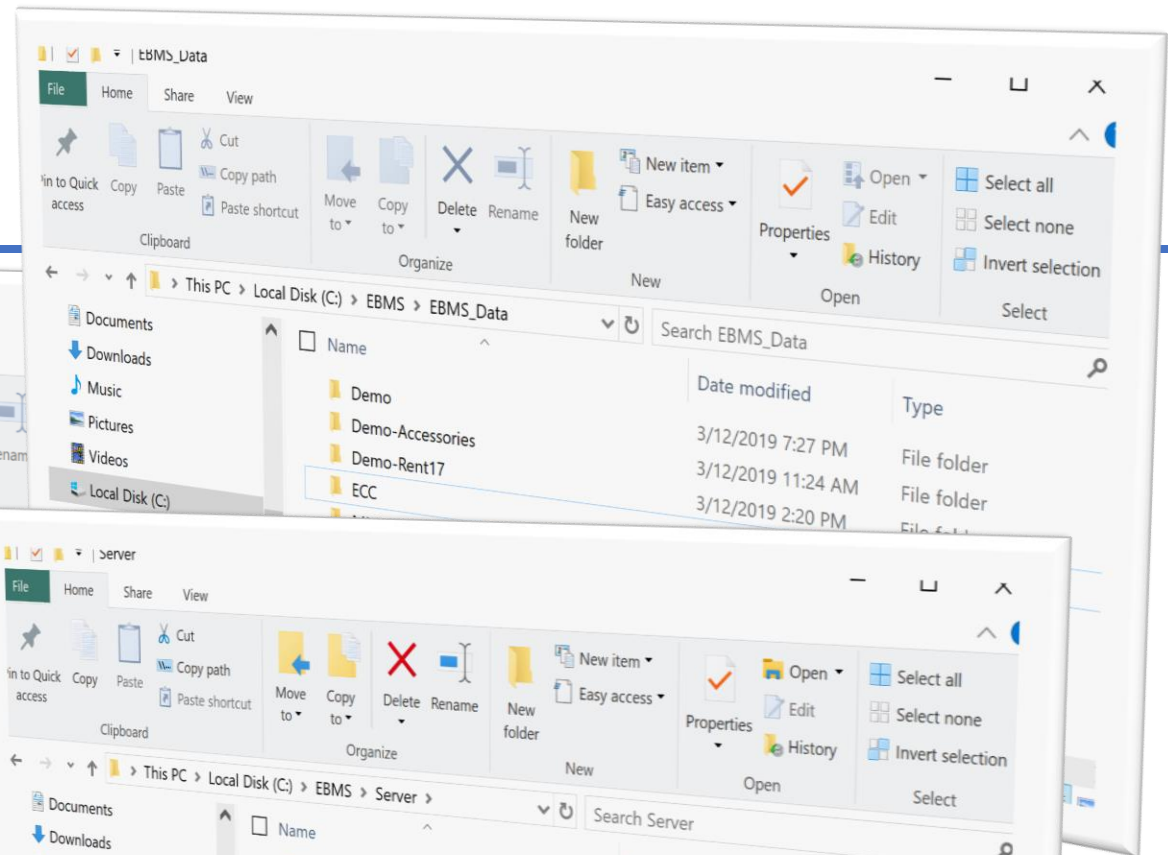
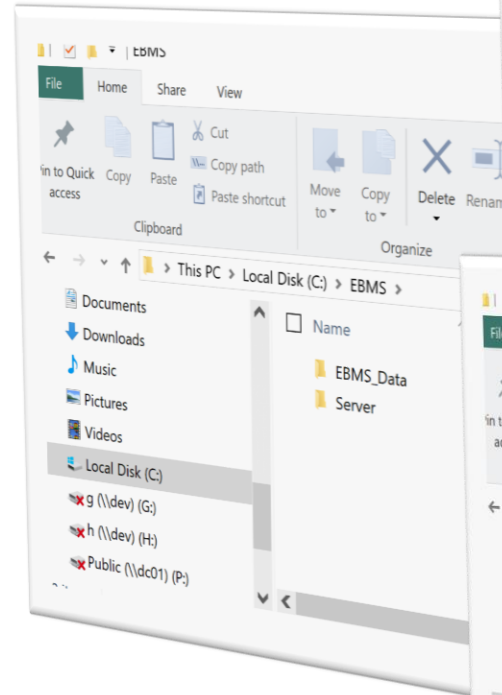
Updating EBMS

- EBMS will check the EagleBusinessSoftware.com server daily for updates or upgrades
 - “Patch Updates” are non-exclusive updates with bug fixes. They can be done with everyone still using EBMS.
 - “Version Upgrades” require everyone to be out of EBMS as data changes occur during the upgrade.
- Once the EBMS Data Server is updated users will be prompted to update their workstations when they login to EBMS.



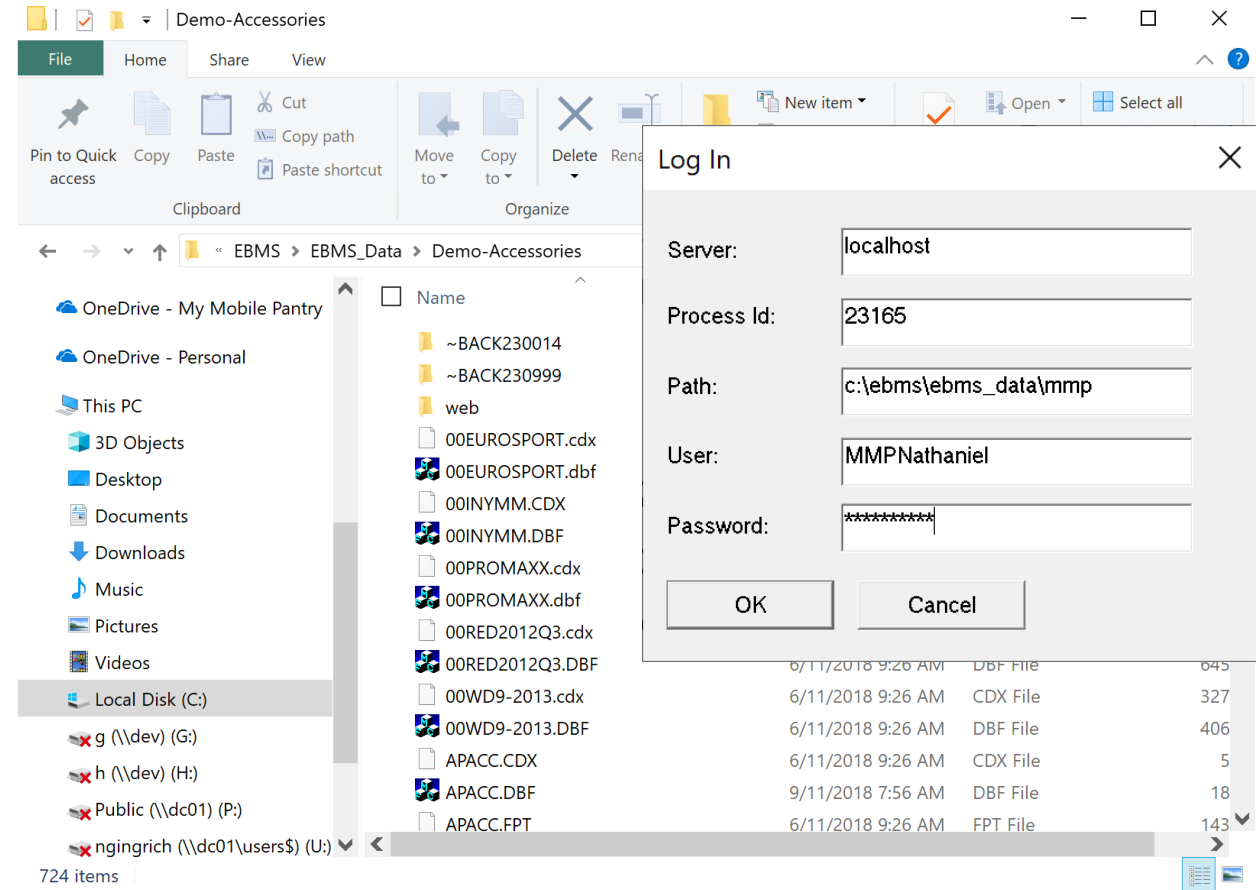
EBMS Data Folder

- C:\EBMS\EBMS_DATA\[Company Data]
- C:\EBMS\Server\ClientInstaller



EBMS_Data

- EBMS_Data is the most important folder to backup.
- ~BACKnnnnnn files may be manually deleted after a time to reduce backup size
- Files prefixed with “00” are Vendor Catalogs
- C:\Program Files(x86)\common\eshware\wdbmaint.exe to read the database directly (DO NOT EDIT!).
No user security with wdbmaint.



Wdbmaint.exe

- C:\Program Files(x86)\common\eshware\wdbmaint.exe
- A utility that allows for table review and modification

The screenshot displays the Wdbmaint.exe application window, titled "C:\EBMS\EBMS_Data\MMP\ARINV.DBF - Wdbmaint". The window has a menu bar with "File", "Edit", "Search", "Maintenance", and "Help". Below the menu bar are buttons for "Append", "Delete", "Undelete", "Lock Record", "Unlock All", and a checkbox for "Lock File".

The main area shows a table with the following columns: Deleted, ID, NAME, ADDRESS1, ADDRESS2, CITY, STATE, ZIP, INVOICE, and DT. The data rows are as follows:

Deleted	ID	NAME	ADDRESS1	ADDRESS2	CITY	STATE	ZIP	INVOICE	DT
	MDMGRD	Linda Groff	506 South Farmersville Road		Ephrata	PA	17522	1	Granulated Pur
	MARKIN809	Martha King	809 Narvon Rd		Narvon	PA	17555	1001	Granulated Pur
	NAOZO0616	Naomi Zook	6167 Division Hwy		Narvon	PA	17555	1002	Ball Regular Mc
	BARFIS785	Barb Fisher	785 Narvon Rd		Narvon	PA	17555	1003	Miscellaneous f
	LINSMU1113	Linda Smucker	1113 Narvon Rd		Narvon	PA	17555	1004	Granulated Pur
	BECZO01107	Becca Zook	1107 Narvon Rd		Narvon	PA	17555	1005	Granulated Pur
	FANRIE831	Fannie Mae Riehl	831 Churchtown Rd		Narvon	PA	17555	1006	Cream Cheese
	MARSCH605	Mary Schmucker	6053 Mast Rd		Narvon	PA	17555	1008	Granulated Pur

At the bottom of the window, there is a status bar showing "Ready" and a "NUM" button.

On the right side of the window, there is a "Fields" list with the following columns: Field Name, Type, Length, Decimals, and Nulls Allowed. The fields listed are:

Field Name	Type	Length	Decimals	Nulls Allowed
ID	C	10		
NAME	C	50		
ADDRESS1	C	35		
ADDRESS2	C	35		
CITY	C	30		
STATE	C	3		
ZIP	C	11		
INVOICE	C	15		
DESCR	C	50		

Below the fields list, there is a "Tags" section with columns for Filter, Unique, and Descending. The status bar at the bottom right shows "Ready" and a "NUM" button.

Achtung!! You break it, you buy it! ☺

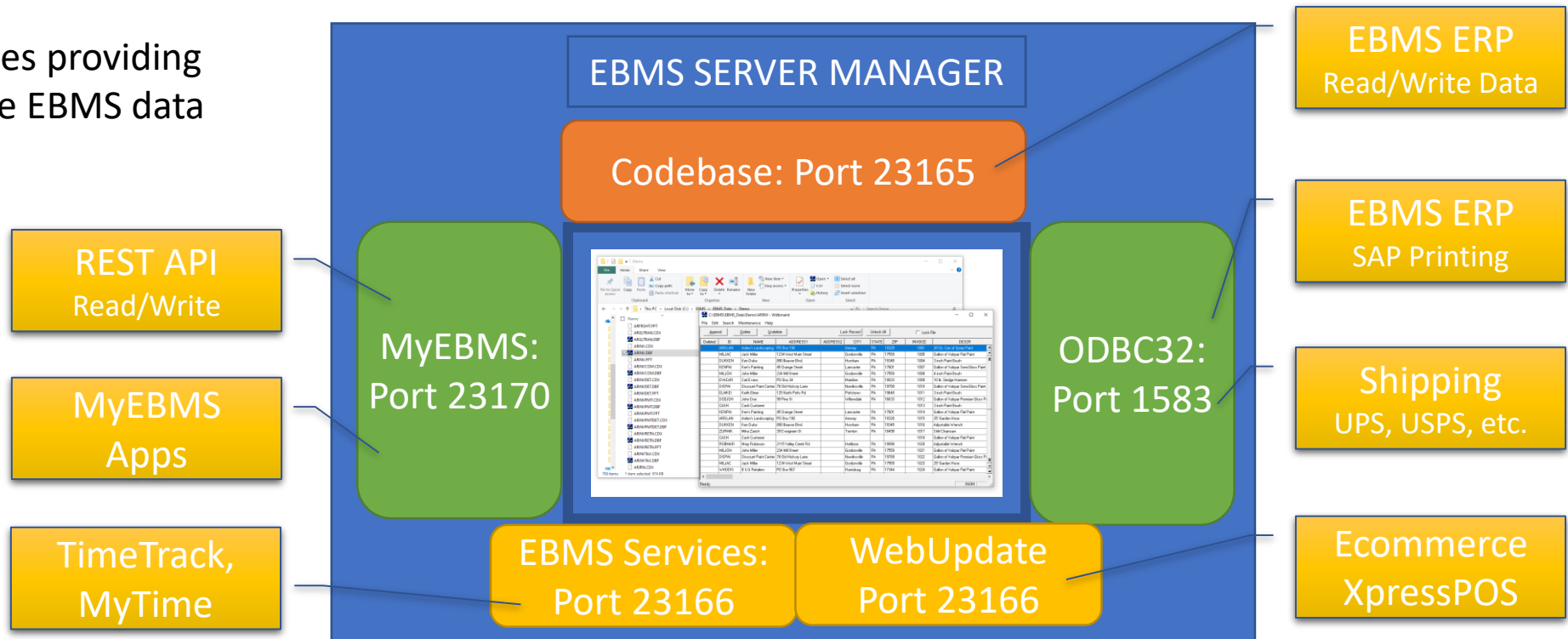


Accessing that valuable data!



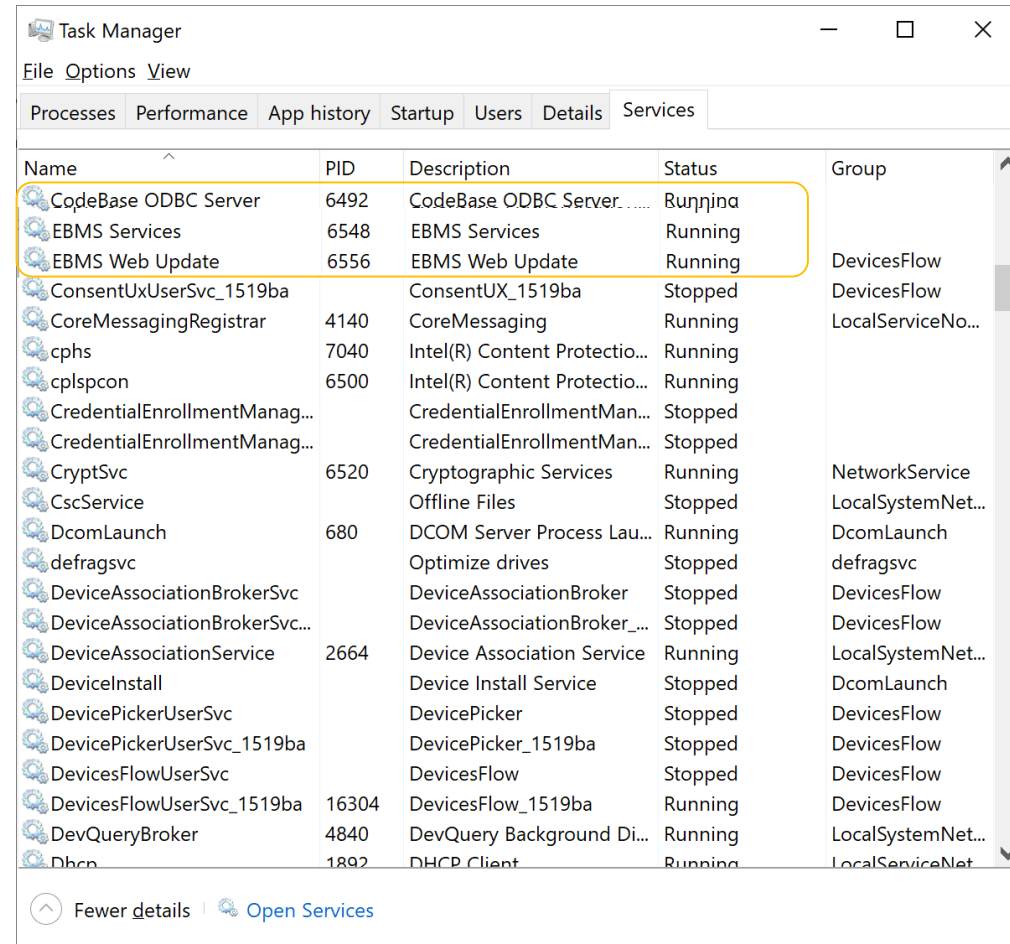
- Many services providing access to the EBMS data

WARNING: Writing to the EBMS Data without using a program or API bypasses validation and will result in corrupted data!



Services

- Three primary services
 - CodeBase ODBC Server
 - EBMS Services
 - EBMS Web Update
 - eCommerce/Xpress POS Sync only
- When printing two other services appear
 - CB4ODBC
 - S4server



The screenshot shows the Windows Task Manager window with the 'Services' tab selected. A yellow box highlights the first three services: CodeBase ODBC Server, EBMS Services, and EBMS Web Update, all of which are running.

Name	PID	Description	Status	Group
CodeBase ODBC Server	6492	CodeBase ODBC Server.....	Running	
EBMS Services	6548	EBMS Services	Running	
EBMS Web Update	6556	EBMS Web Update	Running	DevicesFlow
ConsentUxUserSvc_1519ba		ConsentUX_1519ba	Stopped	DevicesFlow
CoreMessagingRegistrar	4140	CoreMessaging	Running	LocalServiceNo...
cphs	7040	Intel(R) Content Protectio...	Running	
cplspcon	6500	Intel(R) Content Protectio...	Running	
CredentialEnrollmentManag...		CredentialEnrollmentMan...	Stopped	
CredentialEnrollmentManag...		CredentialEnrollmentMan...	Stopped	
CryptSvc	6520	Cryptographic Services	Running	NetworkService
CscService		Offline Files	Stopped	LocalSystemNet...
DcomLaunch	680	DCOM Server Process Lau...	Running	DcomLaunch
defragsvc		Optimize drives	Stopped	defragsvc
DeviceAssociationBrokerSvc		DeviceAssociationBroker	Stopped	DevicesFlow
DeviceAssociationBrokerSvc...		DeviceAssociationBroker_...	Stopped	DevicesFlow
DeviceAssociationService	2664	Device Association Service	Running	LocalSystemNet...
DeviceInstall		Device Install Service	Stopped	DcomLaunch
DevicePickerUserSvc		DevicePicker	Stopped	DevicesFlow
DevicePickerUserSvc_1519ba		DevicePicker_1519ba	Stopped	DevicesFlow
DevicesFlowUserSvc		DevicesFlow	Stopped	DevicesFlow
DevicesFlowUserSvc_1519ba	16304	DevicesFlow_1519ba	Running	DevicesFlow
DevQueryBroker	4840	DevQuery Background Di...	Running	LocalSystemNet...
Dhcp	1892	DHCP Client	Running	LocalServiceNet...



Users & Security

Managing Access



Creating Test Users

- For testing purposes setup a user login for each permissions level
 - Remember to create passwords for them!
 - Or mark them Inactive when not testing
- Use these accounts to experience what your workers do.

CRAZINESS: TOO MANY OF OUR CLIENTS DO NOT HAVE PASSWORDS ON THEIR "ADMINISTRATOR" ACCOUNT!

The image displays two overlapping screenshots of a 'User Management' software interface. The left window, titled 'User Management', shows a form for creating a user. The 'User Name' dropdown is set to 'BASIC'. The 'Full Name' field contains 'Basic Entry Test User'. The 'Description' field is empty. The 'Permissions' dropdown is set to 'Basic Entry'. There is an 'Inactive' checkbox. The right window, partially obscured, shows the 'Modules' tab with a list of modules and their assigned permissions, all set to 'Basic Entry'.

Module	Permission
Sales	Basic Entry
Inventory	Basic Entry
Expenses	Basic Entry
Labor	Basic Entry
Tasks	Basic Entry
Financials	Basic Entry
Depreciation	Basic Entry
Job Costing	Basic Entry



Tweaking the Default Security Settings

- Manage access to Dialogs (the Parent)

The three **User Level** options are:

No Access

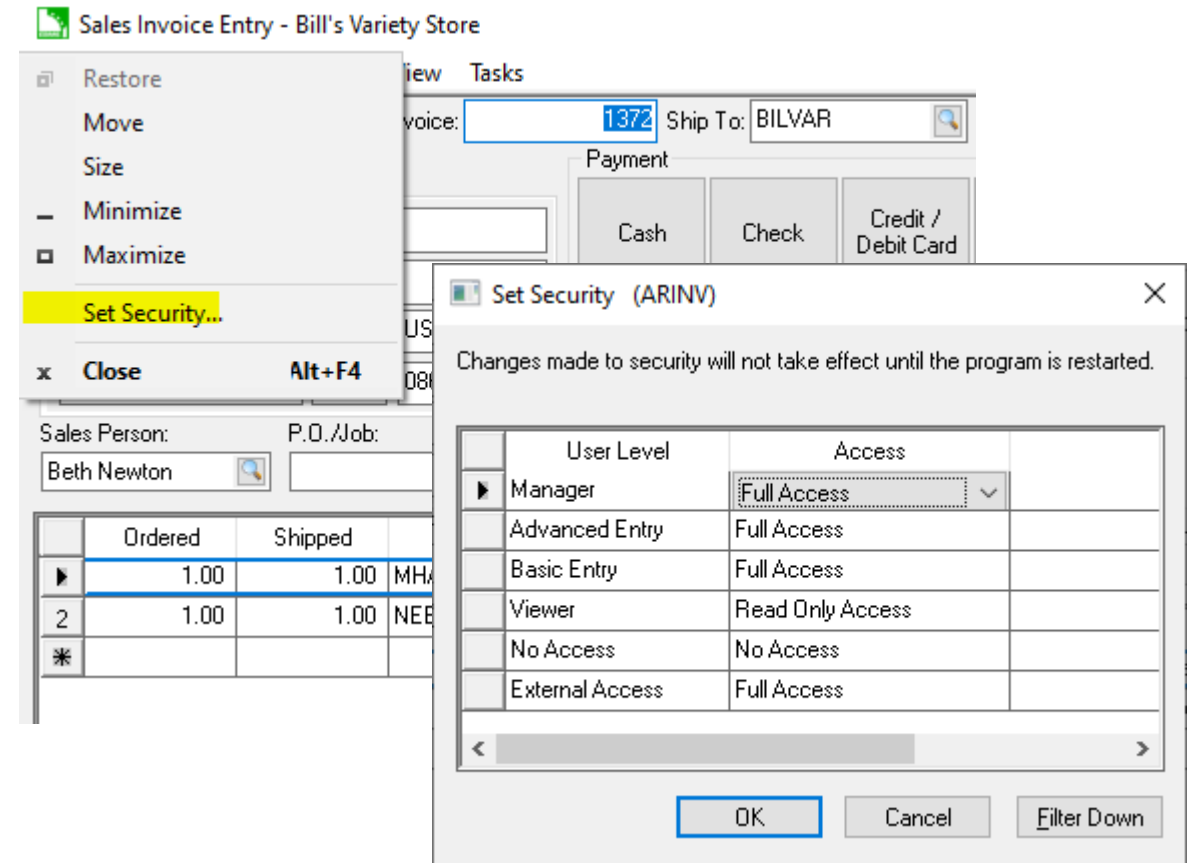
- Prohibits the user from opening the selected window.

Read only

- Allows the user to open the window but restricts them from changing any information.

Full Access

- Gives user full access to information within the window. Note that the user may be restricted from some data entry fields or tabs based on other security settings or program restrictions.



Tweaking the Default Security Settings

- Managing those “Children”
 - Right-click on a Field
 - Ctrl + Shift and click on a menu or button
- A more restrictive setting on the parent will over-ride the less restrictive setting the child wants to have. E.g. Parent set to “Read-Only” and a child property set to “Full Access” will result in a “Read Only” permissions level.
- More restrictive child settings will over-ride less restrictive parent settings.

The image shows two overlapping 'Set Security' dialog boxes. The top dialog is for 'ARINV' and the bottom one is for 'ARINV,DESCR'. Both dialogs have a message: 'Changes made to security will not take effect until the program is restarted.'

Set Security (ARINV)

User Level	Access	Expression
Manager	Full Access	
Advanced Entry	Full Access	
Basic Entry	Full Access	
Viewer	Read Only Access	
No Access		
External Access		

Set Security (ARINV,DESCR)

User Level	Access	Expression
Manager	Check Parent	
Advanced Entry	Check Parent	
Basic Entry	Check Parent	
Viewer	Full Access	
No Access	Check Parent	
External Access	Check Parent	

Buttons: OK, Cancel, View Parent...

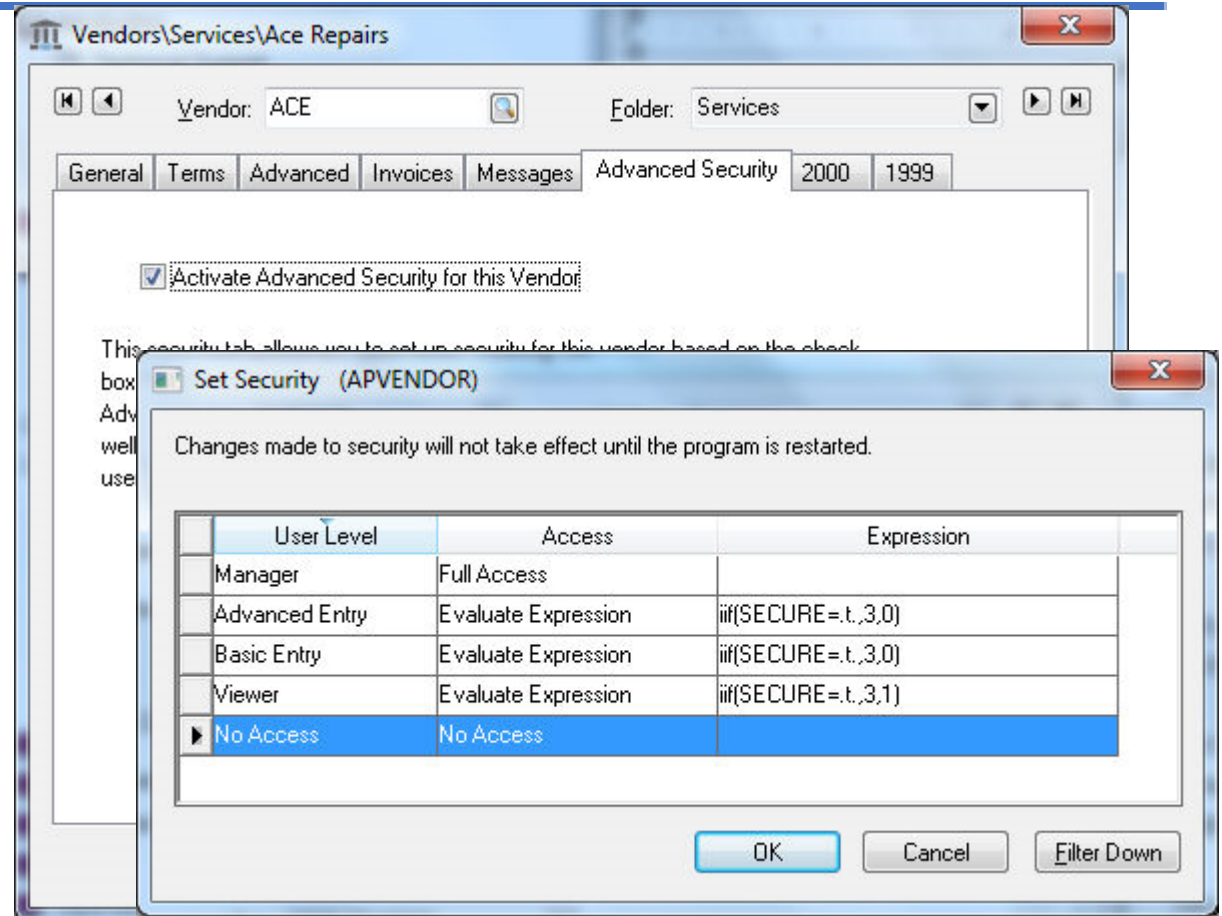


Advanced Security (IFTTT)

The **Expression** setting in this example for the *Advanced Entry User Level* contains a script expression as explained below:

If (**iif**) **SECURE** field on the vendor tab is true (**.t.**) then **No Access (3)** otherwise **Full Access (0)**.

Notice that the **Expression** setting for the *Viewer User Level* is slightly different. if (**iff**) **Secure** setting on the vendor tab is true (**.t.**) then **No Access (3)** otherwise **Read Only Access (1)**.



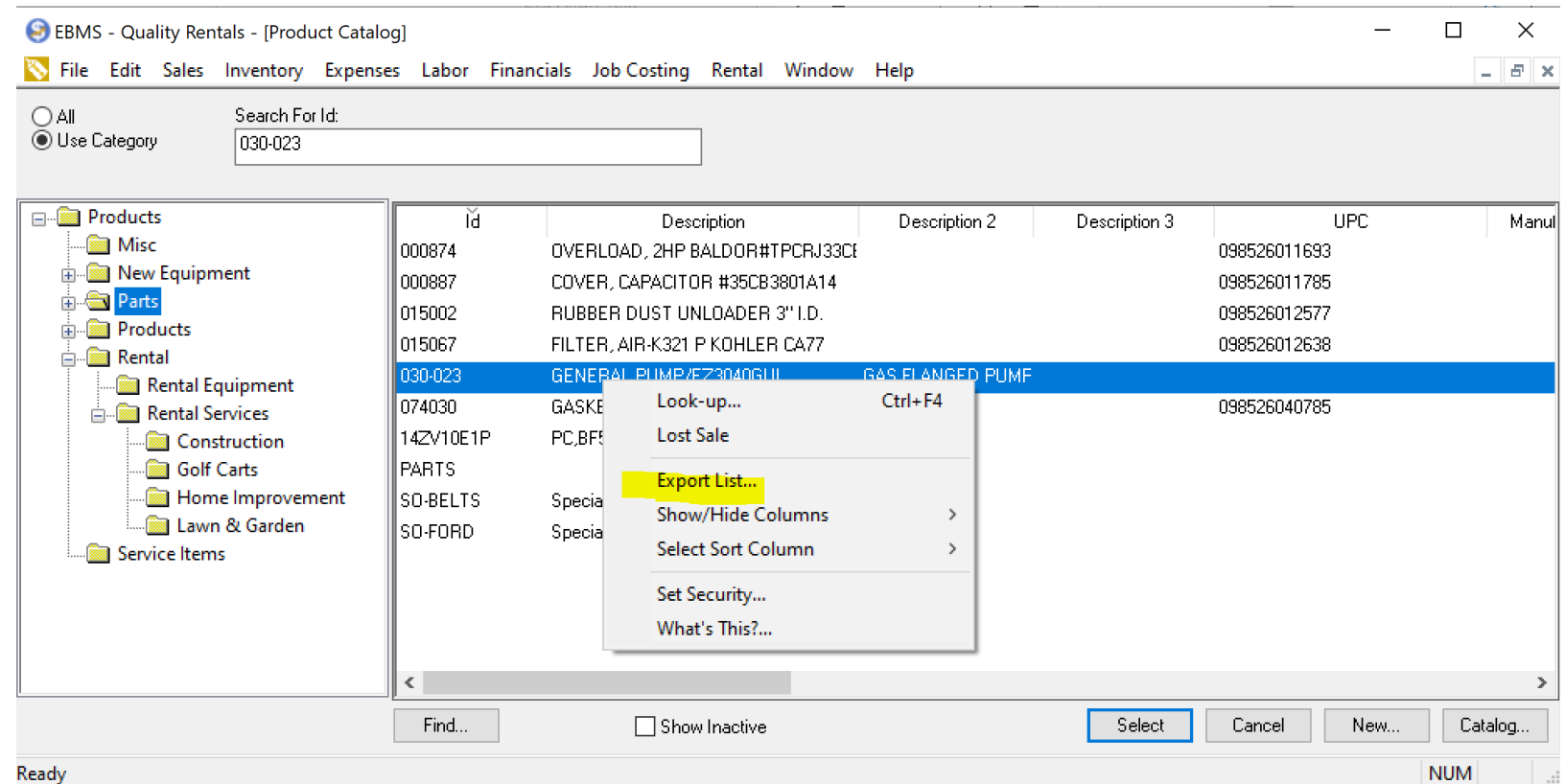
Data IN, Data OOUT

It's the Canadian Accent



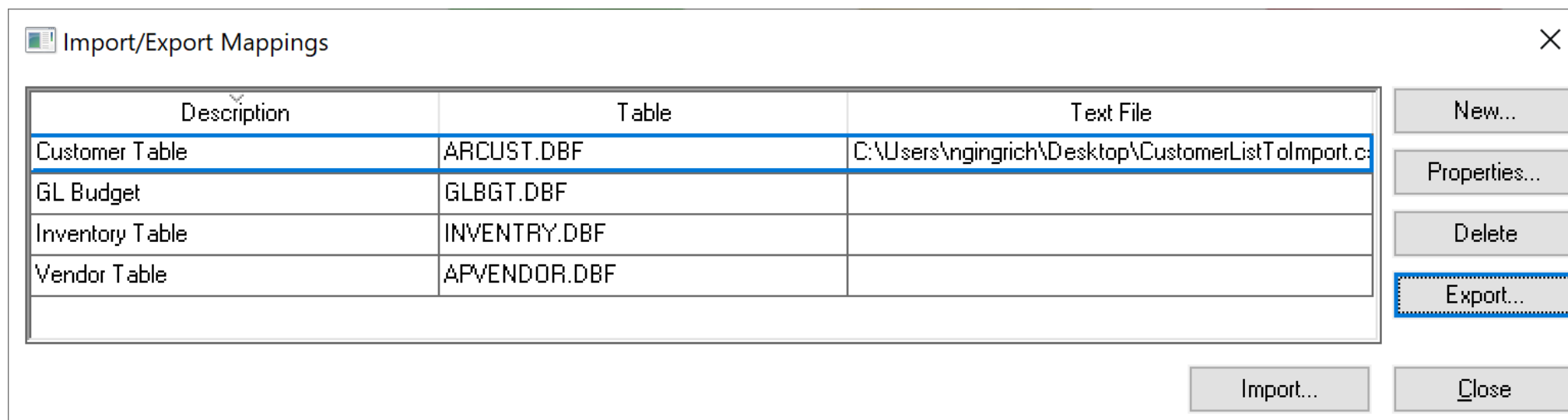
Data OUT: Export List

- Any list in EBMS can be exported to a .csv file.



Data OUT: to a text file

- File > Utilities > Text Import/Export Mappings
- Export Customer, Vendor, and Inventory info to a file



Data OUT: text file mapping

- Powerful mapping ability to export data to a text file.

Import/Export Mapping Properties

Mapping

Description: Customer Table

Text File: C:\Users\ngingrich\Desktop\CustomerListToImport.csv Browse...

FTP Site: Download File...

Table: ARCAST .DBF

Options

☒ Has Header Row

Field Delimiter: Comma

Row Delimiter: Line break

Text Qualifier: Double quote

Generate Mapping

From Text File...

Copy From...

Column	Text Field	Table Field	Key	Type	Length	Decimals	Import	Export	Alphanumeric	Preview
1	ID	ID	✓	C	10		✓	✓		ID102
2	F_NAME	F_NAME		C	35		✓	✓		George
3	L_NAME	L_NAME		C	50		✓	✓		Carver
4	ADDRESS1	ADDRESS1		C	35		✓	✓		125 Any Street
5	ADDRESS2	ADDRESS2		C	35		✓	✓		
6	CITY	CITY		C	30		✓	✓		Lancaster
7	STATE	STATE		C	3		✓	✓		PA
8	ZIP	ZIP		C	11		✓	✓		17601
9	MEMO	MEMO		M	4		✓	✓		Did we just import a list!!
10	TYPE	TYPE		C	20		✓	✓		
11	IN_LEVEL	IN_LEVEL		C	15		✓	✓		Retail
12	SHIP_TO	SHIP_TO		C	10		✓	✓		
13	DEF_FOB	DEF_FOB		C	25		✓	✓		
14	FC_RATE	FC_RATE		N	12	2	✓	✓		
15	MIN_FC	MIN_FC		N	12	2	✓	✓		
16	SALESMAN	SALESMAN		C	20		✓	✓		

Preview

Refresh Preview

Displaying Row: 4

Previous Row

Next Row

Test

Starting record (optional):

Ending record (optional):

Test Import (Replace)

Test Import (Append)

URL

Update Data: serverName=localhost&companyid=DEB&username={username}&password={password}&showui=false&ConnectExisting=false

Replace Data: serverName=localhost&companyid=DEB&username={username}&password={password}&showui=false&ConnectExisting=false

Create File: serverName=localhost&companyid=DEB&username={username}&password={password}&showui=false&ConnectExisting=false

Import

Update Data Replace Data Create File

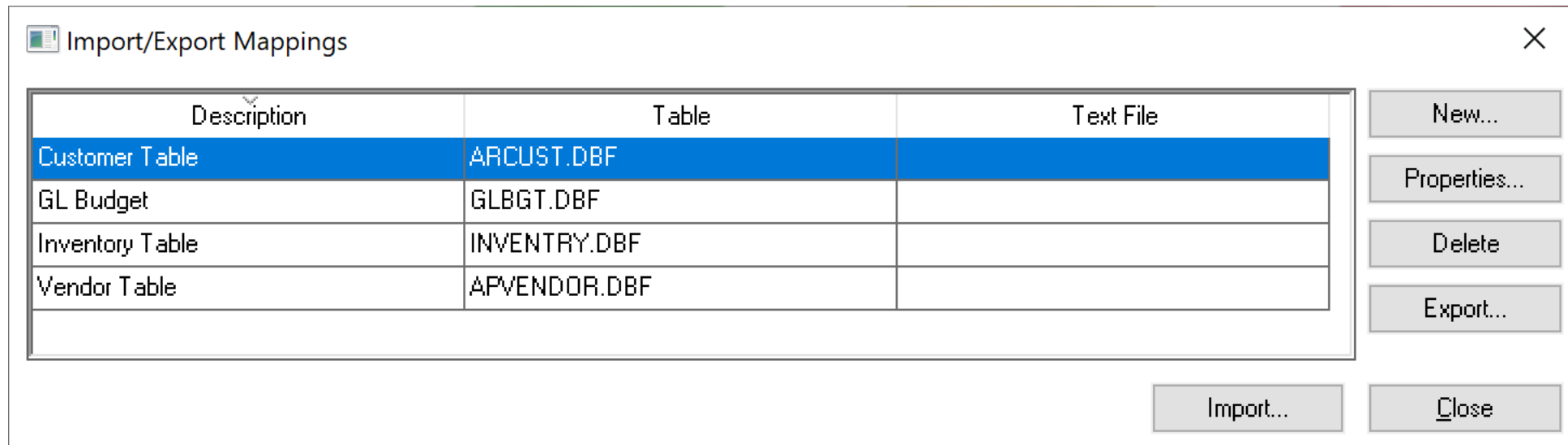
OK Cancel

☐ Update replace enabled. ☐ Suppress messages until after the import.



Data IN: from a text file

- File > Utilities > Import/Export Mappings
- Update Customer, Vendor, and Inventory info
- Create Vendor Catalogs and automate their update



Data IN: Text file mapping

- Powerful mapping ability to update data from a text file.

Import/Export Mapping Properties

Mapping

Description: Customer Table

Text File: C:\Users\ngingrich\Desktop\CustomerListToImport.csv Browse...

FTP Site: Download File...

Table: ARCUST .DBF

Options

☒ Has Header Row

Field Delimiter: Comma

Row Delimiter: Line break

Text Qualifier: Double quote

Generate Mapping

From Text File...

Copy From...

Column	Text Field	Table Field	Key	Type	Length	Decimals	Import	Export	Alphanumeric	Preview
1	ID	ID	✓	C	10		✓	✓		ID102
2	F_NAME	F_NAME		C	35		✓	✓		George
3	L_NAME	L_NAME		C	50		✓	✓		Carver
4	ADDRESS1	ADDRESS1		C	35		✓	✓		125 Any Street
5	ADDRESS2	ADDRESS2		C	35		✓	✓		
6	CITY	CITY		C	30		✓	✓		Lancaster
7	STATE	STATE		C	3		✓	✓		PA
8	ZIP	ZIP		C	11		✓	✓		17601
9	MEMO	MEMO		M	4		✓	✓		Did we just import a list!!
10	TYPE	TYPE		C	20		✓	✓		
11	IN_LEVEL	IN_LEVEL		C	15		✓	✓		Retail
12	SHIP_TO	SHIP_TO		C	10		✓	✓		
13	DEF_FOB	DEF_FOB		C	25		✓	✓		
14	FC_RATE	FC_RATE		N	12	2	✓	✓		
15	MIN_FC	MIN_FC		N	12	2	✓	✓		
16	SALESMAN	SALESMAN		C	20		✓	✓		

Preview

Refresh Preview

Displaying Row 4

Previous Row

Next Row

Test

Starting record (optional):

Ending record (optional):

Test Import (Replace)

URL

Update Data: serverName=localhost&companyId=DEB&username={username}&password={password}&showui=false&ConnectExisting=false

Replace Data: serverName=localhost&companyId=DEB&username={username}&password={password}&showui=false&ConnectExisting=false

Create File: serverName=localhost&companyId=DEB&username={username}&password={password}&showui=false&ConnectExisting=false

Import

Update Data Replace Data Create File OK Cancel

☐ Update replace enabled. ☐ Suppress messages until after the import.



Data IN: Document Import

- Journals, Proposals, Sales Orders, Purchase Orders
- Match the EBMS field names as the file header names
- Comma-delimited .csv or Tab-delimited .txt files
- Scenarios
 - 3rd Party Payroll imports
 - Orders from customers
 - Product exports from estimating/take-off software
 - Much more...

The screenshot shows the 'Sales Invoice Entry' application window. The 'Process' menu item is highlighted in the top menu bar. Below the menu bar, there are input fields for 'Customer ID', 'Invoice', 'Ship To', and 'Date' (set to 07/10/2017 Mon). A 'Payment' section is also visible. A dialog box titled 'Columns used and default G/L Account' is open in the foreground. It contains a table mapping CSV column names to system column headers and their units. At the bottom of the dialog, there is a 'Default G/L Account' field set to '51000-010' and an 'Ok' button.

CSV Column Name	Column Header	*** = supported
CATEGORY		
SUBCATEGORY1		
SUBCATEGORY2		
SUBCATEGORY3		
QUANTITY	Quantity	
ORDERED	Ordered	
SHIPPED	Shipped	
RECEIVED	Received	
WAREHOUSE	Warehouse	
ID	Inventory	***
UOM	Measure	
DESCR	Description	
UNIT	Unit Price	
AMOUNT	Amount	
COST	Unit Cost	
JOB_ID	Job Id	
JOBSTG_ID	Job Stage	
CTRLNO	CtrlNo	
FEET	Feet	
INCHESD	InchesD	
INCHES	Inches	
ACCOUNT	Account	

Default G/L Account: 51000-010

Ok



Data IN: REST API with JSON

- Create (POST) and Update (PATCH) customers, inventory, sales orders, purchase orders, etc. using a URL
- Use IFTTT, Zapier, or Microsoft Flow
- Create integrations with other software products

Creating a Customer in EBMS

POST URL:

[https://\[myebms.eaglebusinesssoftware\].com/MyEbms/\[ECC\]/OData/ARCUST](https://[myebms.eaglebusinesssoftware].com/MyEbms/[ECC]/OData/ARCUST)

Header:

Basic Authentication, Username: [EBMS User], Password: [EBMS Password]
Content-Type:application/json

|

Body (JSON):

```
{  
  "TREE_ID": "[numerical category identifier the customer will be created in]",  
  "CUST_ID": "[Customer ID]",  
  "F_NAME": "[35 char, First name]",  
  "L_NAME": "[35 char, Last name or company name]",  
  "Address1": "[35 char]",  
  "Address2": "[35 char]",  
  "Zip": "[5 digit zip, will set the city and state]",  
  "Contact_1": "[phone number]",  
  "Contact_2": "[fax number]",  
  "Contact_3": "[email]",  
  "Memo": "[Multi-line memo \r\nWrite a book in here]"  
}
```



Data OUT: REST API with Odata Queries

- Read (GET) customers, inventory, sales orders, purchase orders, etc. using a URL
- Use IFTTT, Zapier, or Microsoft Flow to trigger other events based on the info.
- Create integrations with other software products
- Use Postman to try different queries.

Pulling customer info from EBMS

The following GET will pull a list of all customers with a last name of “Smoker” and return the data as selected. This is an OData query based on the OData standard specified at www.odata.org.

GET URL:

[https://myebms.eaglebusinesssoftware.com/MyEbms/ECC/OData/ARCUST?\\$filter=L_NAME eq 'Smoker'&\\$select=F_NAME,L_NAME,ADDRESS1,CITY,STATE,ZIP](https://myebms.eaglebusinesssoftware.com/MyEbms/ECC/OData/ARCUST?$filter=L_NAME eq 'Smoker'&$select=F_NAME,L_NAME,ADDRESS1,CITY,STATE,ZIP)

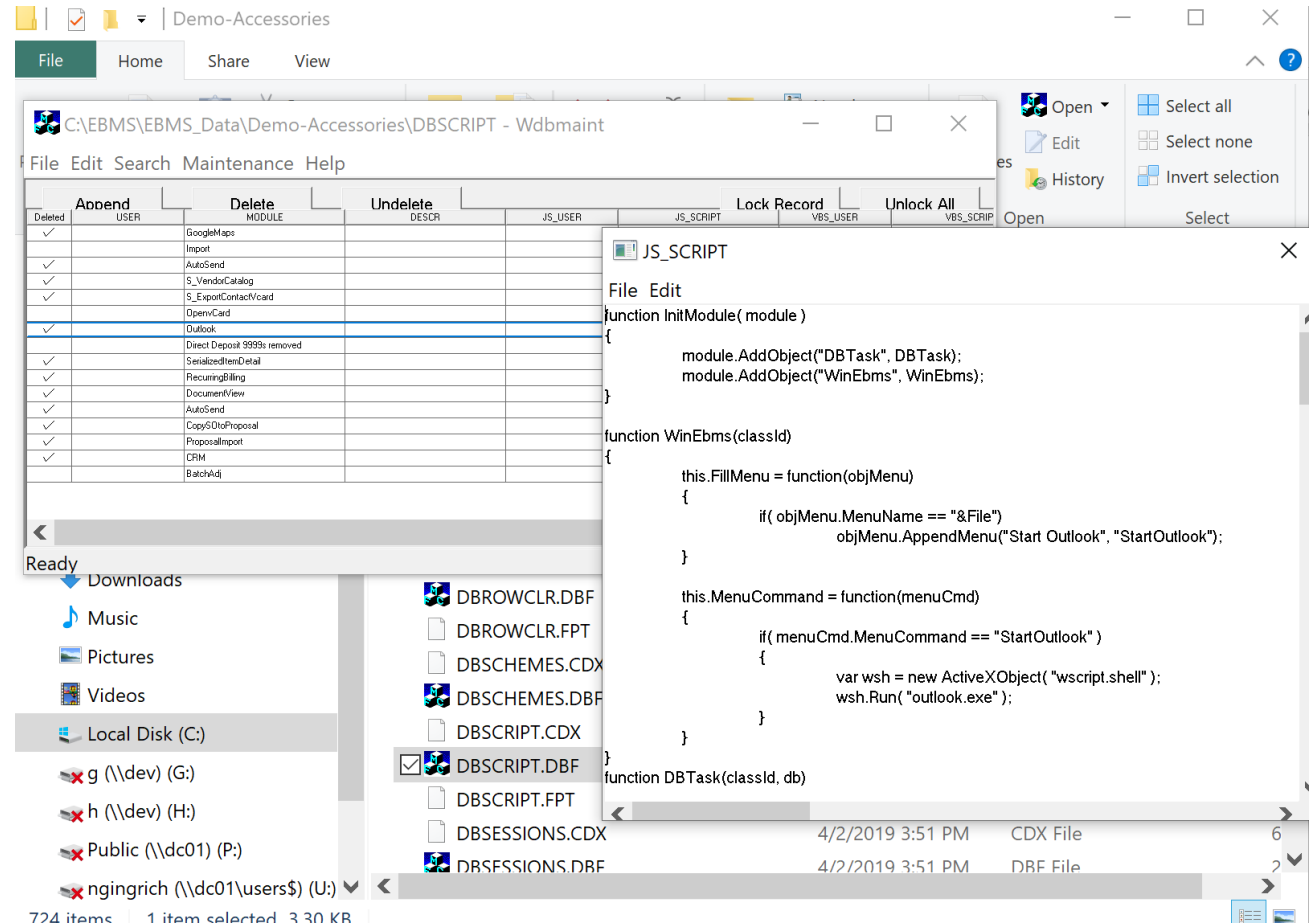
Header:

Basic Authentication, Username: **[EBMS User]**, Password: **[EBMS Password]**



Data IN/OUT: COM API

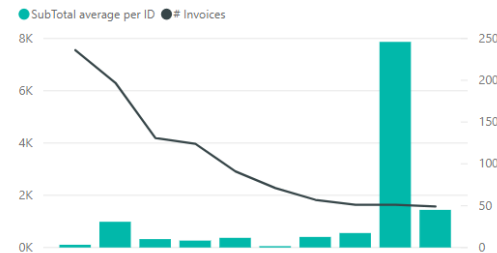
- Most powerful API through which all customization of EBMS is done.
- Uncompiled Javascript code stored in the DBSCRIPT table of the EBMS data.
- Add tables, tabs, fields, and business logic.
- Extends EBMS to fit your business.



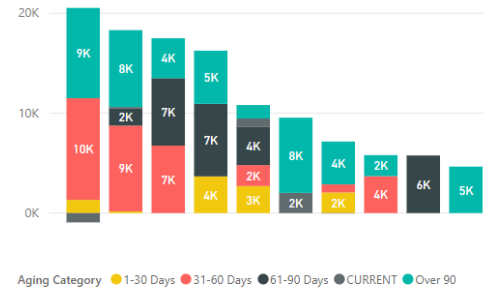
Data OUT: SQL Mirror

- A real-time mirrored copy of the EBMS data to an MSSQL server.
- EBMS Reporting (future)
- Business Intelligence
- Integrations with other software products.
- Microsoft Power BI and Flow
- Azure SQL Studio will allow you to query and read the data

Top 10 by # of Invoices & Avg Inv Amt



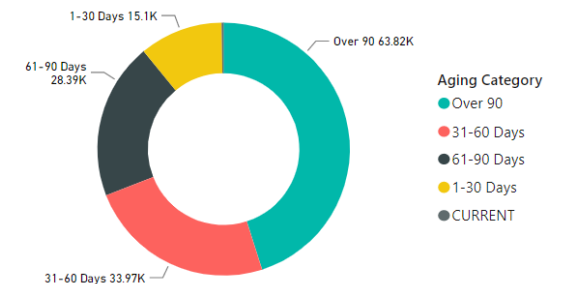
Top 10 by Balance and Age



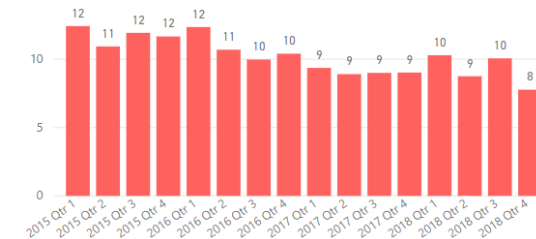
Accts Payable Balance

141.64K

Accounts Payable Aging



Average Days to Pay



% of Balance over 90

45.06%



Data, Data, Data!

There's a lot going on in an ERP* system!
Knowing what is happening beneath the wraps will
empower you to ensure smooth operations for all
the workers relying on it everyday.

*Enterprise Resource Planning



You're now an expert EBMS Admin!

Thank you

Go and

01110000011100100110111101110011011100000110010101110010!!!

