HTI Logistics

The Book of EDI

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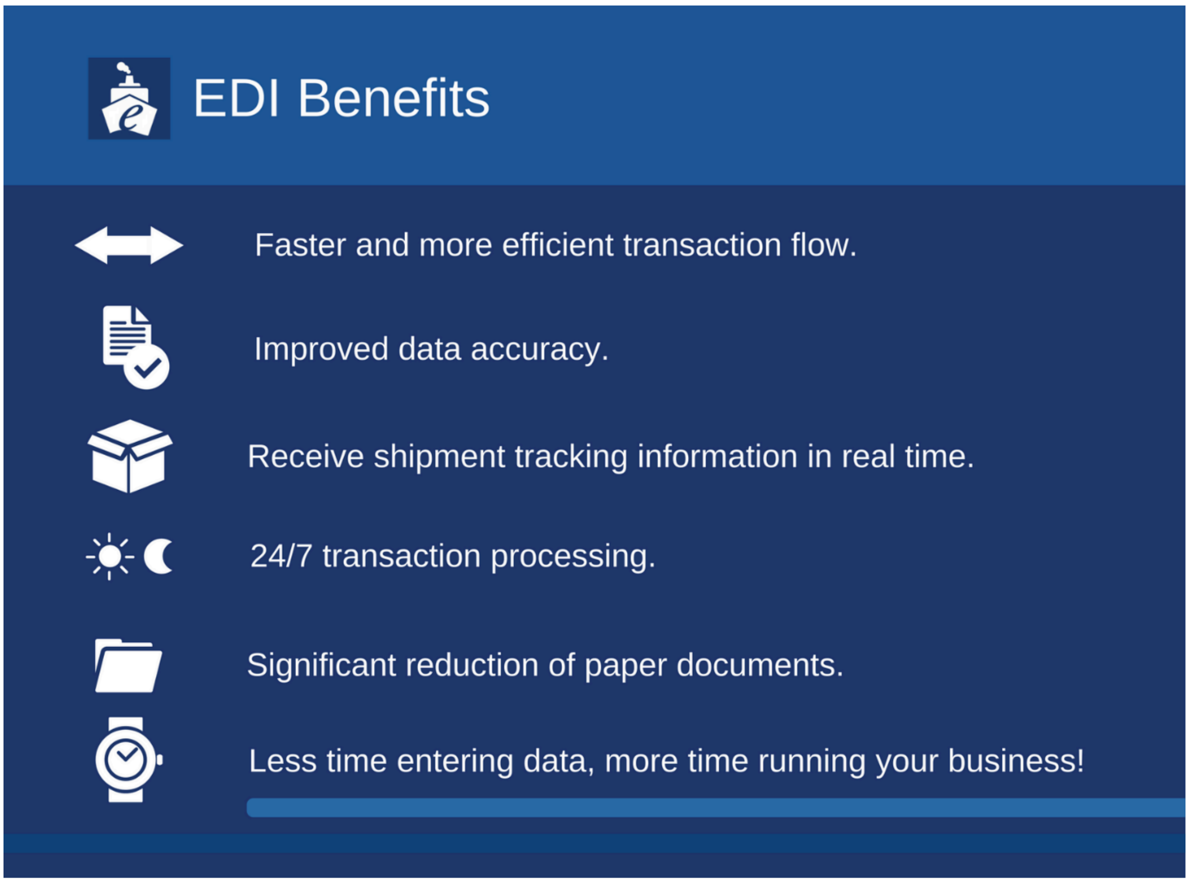
EDI Basics

What is EDI?
Electronic Data Interchange (EDI) is the computer-to-computer exchange of business documents in a standard electronic format between business partners.



What is a DUNS Number?
The Dun & Bradstreet D-U-N-S® Number is a unique nine-digit identifier for businesses that is associated with a business's Live Business Identity which may help evaluate potential partners, seek new contracts, apply for loans, and so much more.

HTI Logistics Louisville DUNS Number = 075897939
Transactions

- Inbound *856* – Advanced Ship Notice (ASN)
  - Required by all customers.
  - Manually exported into SAP, creating a Purchase Order.
  - Will not export if all part numbers in the 856 are not pre-built in SAP first.

- Inbound *863* – Test results (Certs)
  - Required by some customers.
  - Must be manually exported as these will not be successfully entered in SAP if the coil is not received in SAP first.

- Inbound *867* – Coil Re-Application
  - Required by some customers.
  - Cannot be exported, must be manually done in SAP.

- Inbound *990* – Load Tender Confirmation
  - Totally automated, you will never need to do anything with this type of transaction.
  - Confirms Hill Transportation's McLeod system received load tender.

- Outbound *204* – Load Tender
  - Totally automated and sent to Hill Transportation.
  - Only applies to loads tendered to Hill Transportation.
  - Hill Transportation must be selected as carrier in Sales Orders.

- Outbound *846* – Inventory Handoff
  - Required by all customers.
  - Totally automated.

- Outbound *856* – Advance Ship Notice (ASN)
  - Required by all customers.
  - Automatically generated and sent when a Delivery is added in SAP.

- Must always be monitored as it's common for these to error and fail to send to customers.
- Imperative that these are sent to customers prior to load delivery.
- Will automatically generate and send to the original owner from a Goods Issue when a coil is tripped to another customer.

▪ Outbound *861* – Load Receipt
  - Required by all customers.
  - Automatically generated and sent when GRPO is built.
  - Will automatically generate and send to the new owner from a Goods Receipt when a coil is tripped from another customer.
  - Must be always monitored as it's common for these to error and fail to send to customers.

▪ Outbound *870* – Coil Status
  - Required by some coils.
  - Mainly used when coils are scrapped or placed on hold.
  - Each customer uses this transaction differently.

▪ Outbound *997* – Acknowledgement
  - These are internal transactions utilized by TrueCommerce, you will never need to interact with these.

What functions in SAP Business One apply to EDI?

1. Sales Orders
    - Outbound *204* (Load Tender)

2. Delivery
    - Outbound *856* (Advance Ship Notice (ASN))

3. Purchase Orders
    - Inbound *856* (Advance Ship Notice (ASN))

4. GRPO's
    - Outbound *861* (Load Receipt)

5. Goods Issue
    - Outbound *856* (Advance Ship Notice (ASN))
    - Inbound *867* (Coil Re-Application)

6. Goods Receipts
    - Outbound *861* (Load Receipt)
    - Inbound *867* (Coil Re-Application)

7. Serial Number Transaction Report
    - Outbound *846* (Inventory Handoff)

8. Serial Number Details
    - Inbound *863* (Certs)
    - Inbound *867* (Coil Re-Application)
    - Outbound *870* (Hold Status)

Customers Connected

1. AM/NS Calvert
    - Will appear as "Thyssen Krupp" in EDI
    - No Load Prefixes or Sequences
    - No *870*'s or *867*'s

Contact:
Josh Skidmore
251- 289-4217
Joshua.Skidmore@ArcelorMittal.com

DUNS #: 808102193

Ship-To's		
DKP Woodhaven	DUNS #	167131528
DKP Kansas City	DUNS #	117155596
DKP Jeffersonville	DUNS #	142558662
Big Rapids	DUNS #	949963487
Kentucky Steel Center	DUNS #	958803025
Metalsa	DUNS #	808972848
MISA Metals Louisville	DUNS #	139637508
Steel Tech Murfreesboro	DUNS #	622805018

Steel Tech Smyrna	DUNS #	080459656
Steel MFG & Warehouse Co	DUNS #	114750503
Tomsin Steel	DUNS #	48900146

2. Commonwealth Rolled Products (Beachwood Account)
    - Will appear as "Aleris" in EDI
    - No Load Prefixes or Sequences
    - No *867*'s

Contact:
Ed Medved
216-233-8948
edward.medved@commonwealthrolledproducts.com

DUNS #: 117791081

Ship-To's		
Tower International	DUNS #	079866264
Thai Summit	DUNS #	080452500
STEEL TECH SMYRNA	DUNS #	080459656
SAMUEL COLUMBIA	DUNS #	200427748
PSI WOODBURN	DUNS #	877706366

3. MISA
   - Will appear as "MarubeniItochuSteelAmericaInc" in EDI
   - No Load Prefixes or Sequences

Contact:
Ryuzo Okazaki
okazaki-r@us.benichu.com

Locations:

MISA Detroit	DUNS #	73495702
MISA Louisville	DUNS #	139637508
MISA Cincinnati	DUNS #	058059002
MISA Forest	DUNS #	79960193

MISA Chicago	DUNS #	103099144
MISA Nashville	DUNS #	147640999
MISA New York	DUNS #	043071377
MISA Houston	DUNS #	194837790
MISA Los Angeles	DUNS #	086462609
Ship-To's		
SLMF (St. Luis Metal Forming)	DUNS #	815032453
RSDC	DUNS #	160099636

4. US Steel Processed Products/ Pro-Tec Coating, CAL, & CGL3
    - Everything will show as US Steel in EDI, even Pro-Tec due to US Steel owning Pro-Tec
    - No *863*'s

Load Prefixes for Outbound *856* Shipments
Y40000 – Pro-Tec Coating
Y700000 – Pro-Tec CGL3
Y50000 – Pro-Tec CAL
YF00000 - US Steel

US Steel Contact:
Terry Kasmarik

TKasmarik@uss.com

Pro-Tec Contact:
419-943-1138
KohlsJN@proteccoating.com

Protec CGL3	DUNS #	081166529
Protec CAL	DUNS #	078321563
Protec Coating	DUNS #	006985097
US Steel	DUNS #	191492417

US Steel/Pro-Tec Continued

Ship-To's		
Default Unkown Location	DUNS #	333333333
DKP Jeffersonville	DUNS #	142558662
DKP Woodhaven	DUNS #	167131528
DKP Dearborn	DUNS #	091956714
MISA Metals Louisville	DUNS #	139637508
MISA Metals Tennessee	DUNS #	621694454
MISA Forest	DUNS #	079960193
ACERO PRIME - MONTERREY	DUNS #	812541407
ACERO PRIME - RAMOS ARIZPE	DUNS #	812553126
ACERO PRIME - SAN LUIS POTOSI	DUNS #	937585379
ACERO PRIME - TOLUCA	DUNS #	812651706
ALL METALS - CARTERSVILLE	DUNS #	031973282
ALL METALS - SPARTANBURG	DUNS #	964625180
AMERICAN NICKELOID	DUNS #	005072517
ANDES COIL PROCESSORS - DALLAS	DUNS #	079929243

ARLINGTON METALS CORP - FRANKLIN	DUNS #	053191771
ARLINGTON METALS CORP - SAWYER	DUNS #	953191771
BLUE SPRINGS METALS LLC	DUNS #	078769021
CANAM STEEL CORP - PERU	DUNS #	045911658
CAPACITY WAREHOUSE DISTR CNTR	DUNS #	129868217
CHEMCOATERS LLC	DUNS #	008633906
CHICAGO STEEL - GARY	DUNS #	115310575
COILPLUS BERWICK - PIQUA	DUNS #	869456371
COILPLUS TEXAS INC	DUNS #	043085096
CORPORATE WAREHOUSE SERVICES	DUNS #	947791984
DELACO INTEGRATED TERMINALS LLC	DUNS #	078855924
DILLER METALS INC	DUNS #	876829060
DKP BUFFALO LLC	DUNS #	605932578
FERROLUX METALS OF MICHIGAN LLC	DUNS #	080958450
FLAT ROCK METAL INC	DUNS #	064599095
FULTON COUNTY PROCESSING LTD	DUNS #	341965647
HARTWELL WAREHOUSE	DUNS #	189850522
HEIDTMAN STEEL PRODUCTS - BUTLER	DUNS #	837761147
HEIDTMAN STEEL PRODUCTS - E CHICAGO	DUNS #	071850763
HTI LOGISTICS CORPORATION	DUNS #	075897939
HYCAL CORPORATION	DUNS #	079858141
INTL DIST SERV OF CLEVELAND	DUNS #	879934834
JIT STEEL SERVICE	DUNS #	179618231
KALAMAZOO STEEL PROCESSING	DUNS #	072573041
KENTUCKY STEEL CENTER	DUNS #	958803025
KLOECKNER METALS PROCESSING	DUNS #	143678415
LIVERPOOL COIL PROCESSING INC	DUNS #	606379683
MANSFIELD RAILPORT	DUNS #	933745218
MATERIAL SCIENCE CORP - EAST CHICAGO	DUNS #	135729387
MATERIAL SCIENCES CORP - WALBRIDGE	DUNS #	153700927
MEDINA BLANKING INC	DUNS #	601234693
METALS USA - JEFFERSONVILLE	DUNS #	070882220
MILL STEEL - GRAND RAPIDS	DUNS #	017093972
MILLENNIUM - SAN ANTONIO	DUNS #	193094112
MILLENNIUM STEEL SERVICES LLC	DUNS #	160197091
MISA METAL BLANKING - BIRMINGHAM	DUNS #	106768323
MISA METAL PROCESSING KENTUCKY	DUNS #	139637508
MISA METAL PROCESSING OF TENN - PORTLAND	DUNS #	621694454
MISA METAL PROCESSING, INC - FOREST	DUNS #	079960193

NATIONAL MATERIAL DE MEXICO - MONTERREY	DUNS #	945791093
NATIONAL PROCESSING COMPANY 1	DUNS #	949868905
ODYSSEY LOGISTICS - O FALLON	DUNS #	031841096
ODYSSEY LOGISTICS - PORTAGE	DUNS #	015552912
OLYMPIC STEEL - DETROIT	DUNS #	017763731
PRECISION STRIP - ANDERSON	DUNS #	949291959
PRECISION STRIP - CANTON	DUNS #	118129750
PRECISION STRIP - JEFFERSONVILLE	DUNS #	117946794
PRECISION STRIP - KENTON	DUNS #	362317182
PRECISION STRIP - MINSTER	DUNS #	031212326
PRECISION STRIP - PERRYSBURG	DUNS #	799006007
PRECISION STRIP - PORTAGE	DUNS #	784236981
PRECISION STRIP - TALLADEGA	DUNS #	034108436
PRECISION STRIP - TIPP CITY	DUNS #	035407605
PRECISION STRIP - VONORE	DUNS #	078432752
PRECISION STRIP - WOODBURN	DUNS #	877706366
PRECOAT METALS - COLUMBIA	DUNS #	065200585
PRECOAT METALS - GREENFIELD	DUNS #	078014276
PRECOAT METALS - HAWESVILLE	DUNS #	608145272
PRECOAT METALS - KINGSBURY	DUNS #	064709876
RSDC C/O ODYSSEY ARLINGTON	DUNS #	777776014
RSDC C/O STEEL MANUFACTURING	DUNS #	777777930
RSDC C/O TAYLOR STEEL HAMILTON	DUNS #	777777929
RSDC OF MICHIGAN	DUNS #	160099636
SAMUEL METAL BLANKING	DUNS #	200427748
SCHAEFER STEVEDORING	DUNS #	803083997
SDROL METALS, INC.	DUNS #	195315494
STC STEEL TECHNOLOGIES CAN - WDSTK	DUNS #	243504425
STC STEEL TECHNOLOGIES CAN LTD	DUNS #	259178457
STEEL SUMMIT OF TENNESSEE	DUNS #	175251248
STEEL TECHNOLOGIES - CANTON	DUNS #	783734916
STEEL TECHNOLOGIES - DECATUR	DUNS #	112064324
STEEL TECHNOLOGIES - EMINENCE	DUNS #	068335280
STEEL TECHNOLOGIES - GREENSBURG	DUNS #	604254052
STEEL TECHNOLOGIES - MADISON	DUNS #	131843729
STEEL TECHNOLOGIES - MURFREESBORO	DUNS #	180544074
STEEL TECHNOLOGIES - SMYRNA	DUNS #	080459656
TARGET METAL BLANKING INC - NORTH VERNON	DUNS #	117837077
TARGET METAL BLANKING INC - SAUK VILLAGE	DUNS #	117822265

TARGET STEEL - FLAT ROCK	DUNS #	196701403
TAYLOR COIL PROCESSING	DUNS #	927876870
TAYLOR STEEL HAMILTON WAREHOUSE	DUNS #	249876194
TAYLOR STEEL INC - HAMILTON	DUNS #	241404417
THYSSENKRUPP STEEL SERV DETROIT	DUNS #	800043838
TOYOTA TSUSHO AMERICA INC	DUNS #	001790468
WAYNE INDUSTRIES, INC	DUNS #	074212689
WAYNE STEEL DISTRIBUTION CENTER	DUNS #	176732816
WORTHINGTON SPEC PROC - JACKSON	DUNS #	147757470
WORTHINGTON SPEC PROC - TAYLOR	DUNS #	057681777
WORTHINGTON STEEL - MIDDLETOWN	DUNS #	180532590
WORTHINGTON STEEL - MONROE	DUNS #	093903656

5. Cleveland Cliffs (Burns Harbor, Indiana Harbor, Kote)
    - All appear as "Arcelor Mittal" in EDI
    - Only account that requires us to have two EDI addresses

<u>Burns Harbor</u>

- No Load Prefixes or Sequences
- Our EDI Address: 5029336143
- BURNS HARBOR EDI ADDRESS: 003913423

Contact:
Tammy Galka
219-787-7426
tamara.galka@clevelandcliffs.com

DUNS #: 003913423

<u>Indiana Harbor / Kote</u>

- Our EDI Address: 5029336144
- INDIANA HARBOR / KOTE EDI ADDRESS: 005159199OP

Load Prefixes for Outbound *856* Shipments
445000-445499 - Indiana Harbor
770500-770999 - Kote

Contact:
Kathy Shannon
219-399-4254
kathy.shannon@clevelandcliffs.com

Cleveland Cliffs Indiana Harbor	DUNS #	005159199

Cleveland Cliffs Kote	DUNS #	613460476

Cleveland Cliffs Continued

Ship-To's		
MISA Metals Louisville	DUNS #	139637508
Precision Strip Talladega	DUNS #	034108436
Blue Springs Metals	DUNS #	078769021
General Motors	DUNS #	181417572

6. Steel Technologies (STTX)
    - Mainly used for MST account
    - No inbound transactions
    - No Load Prefixes or Sequences

Contact:
KC Hayden
kchayden@sttxna.com

Main STTX DUNS #: 056826910

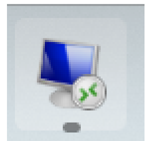
Steel Tech Locations		
Eminence	DUNS #	068335280
Canton	DUNS #	783734916
Portage	DUNS #	185767845
Murfreesboro	DUNS #	622805018
Ghent	DUNS #	884601162
Greensburg	DUNS #	604254052
Decatur	DUNS #	112064324
New Salems	DUNS #	177659380
Cleveland	DUNS #	004526273
Clinton	DUNS #	603381708
Berkeley	DUNS #	078084451
Madison	DUNS #	131843729
Ottawa	DUNS #	121330323
Kennett	DUNS #	966554412
Woodstock	DUNS #	243504425
Crawfordsville	DUNS #	967568101
Cambridge	DUNS #	259178457
Mishawaka	DUNS #	118213891
Smyrna	DUNS #	080459656
Corporate	DUNS #	056826910
Landis	DUNS #	056826910

Ship-To: MST Bardstown [DUNS # 000245779]

How to Access EDI

First, you'll need remote access to the specific EDI server.

The icon you'll be looking for is this:



Contact Computer Spectrum to be granted that access:

Help Desk
•Telephone: (502)-585-8844
•Email: helpdesk@Computerspectrum.com
Pat Creed: 502-817-0096
pat@computerspectrum.com

Computer Spectrum will need the following information:

True Commerce Server	SAP V10 Server
IP Address: 52.0.63.210	150.136.30.162
Login: SAP-HTI-INT\Partner2	Username: \Partner2
Password: MQP6bAQc	Password: 7B8IgEe&

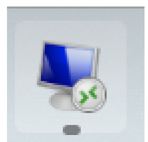
Integration Service ID:
a39b8503-0ebb-4ccc-8e51-a619f2775f8 4

SQL Server (WITHIN FOUNDRY PLATFORM)
username: sa
password: AgdKX123AD

True Commerce Foundry (WITHIN FOUNDRY PLATFORM)
https://foundry.truecommerce.com/core/Default.html
Username: tgroce@hilltrans.com
Password: Nasirjaire98

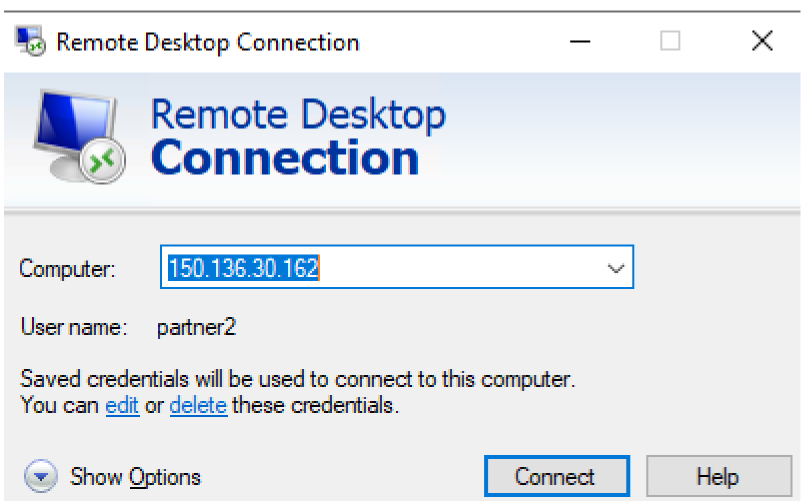
Once your access is granted or if you already have access, then log in.

Click the remote desktop icon on your desktop.



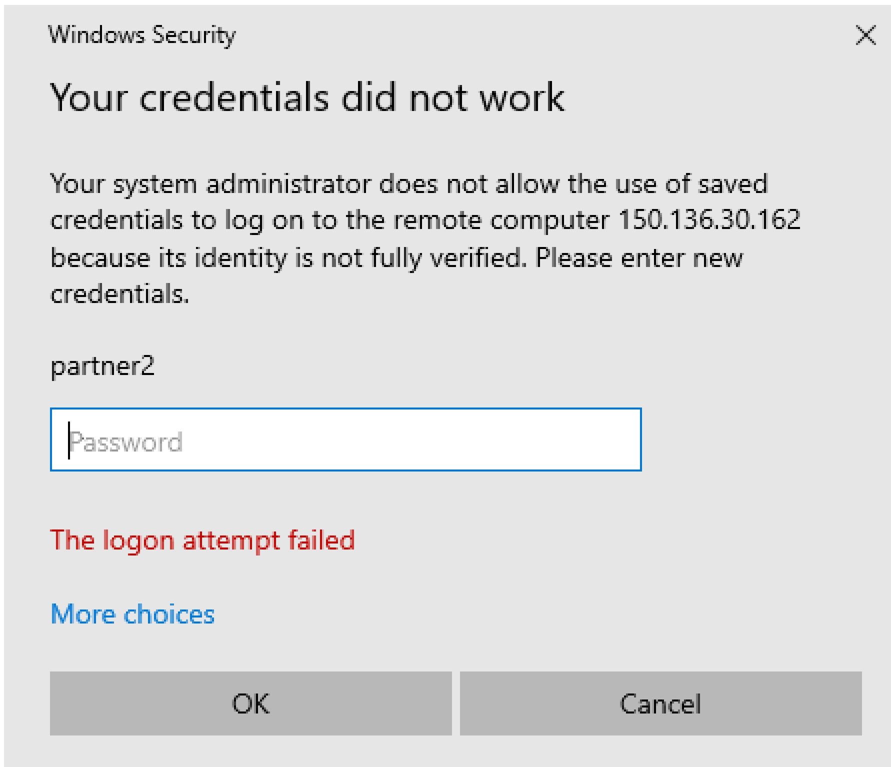
Make sure the IP address is *150.136.30.162*

Once confirmed, click "Connect."



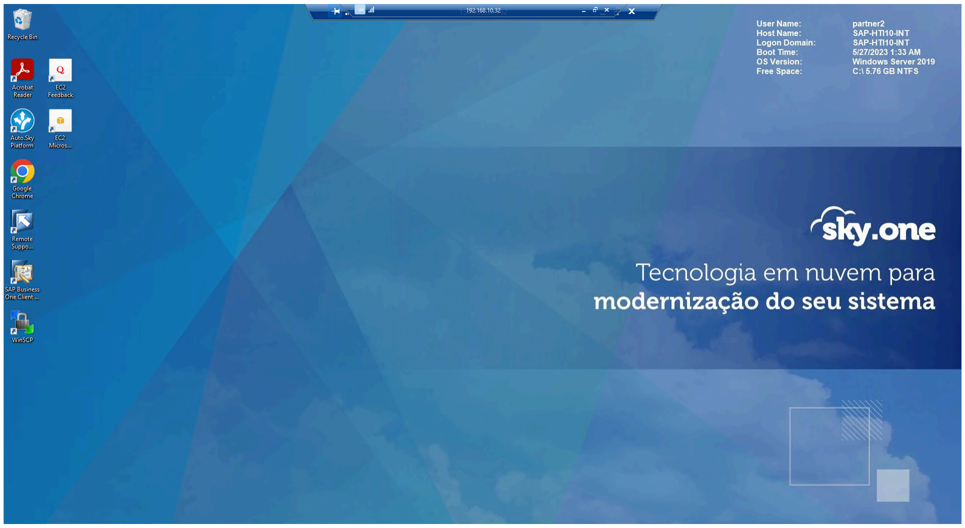
The window below will appear. It should be listed as "partner2." All you need to do is input the password.

<u>PASSWORD:</u> 7B8IgEe&



Click "OK."

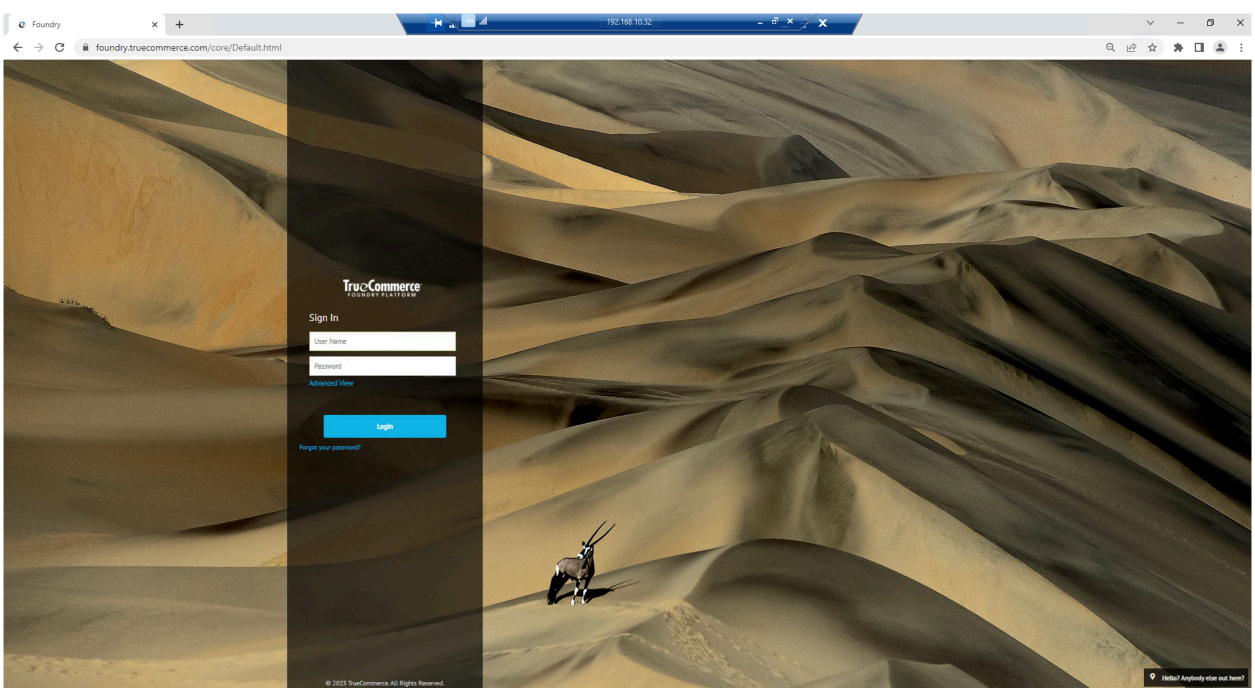
The desktop should look like this:



Click on Google Chrome and wait for the web browser to appear.

Type in the following link:
https://foundry.truecommerce.com/core/Default.html

This will take you to the TrueCommerce Foundry (EDI platform).



After you appreciate their high-definition picture in the background, log in using these credentials:

Username: tgroce@hilltrans.com
Password: Nasirjaire98

You are now in EDI.

<u>Please note the only way to access EDI is through this specific server. Though it is via a web browser, nothing will work correctly if done on any other server.</u>

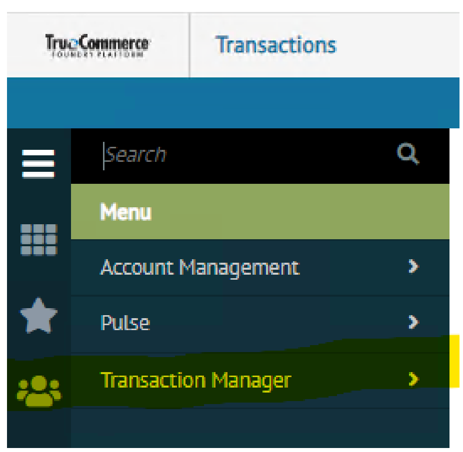
Transactions Instructions

❖ Accessing The Transaction Board - The "Mothership"

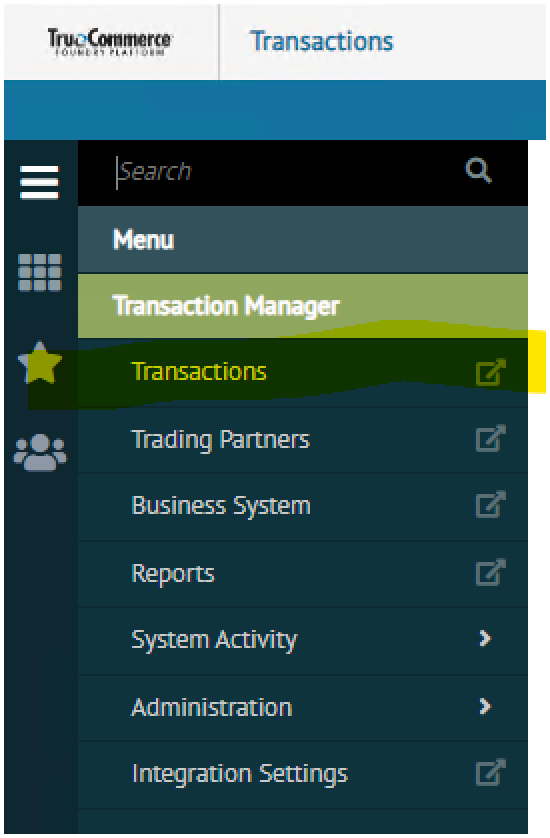
When logging into True Commerce's Foundry, the transaction inbox should automatically come up as the default screen. If it doesn't, then you can access it by following these instructions:

Click on this "hamburger" button in the top left corner.

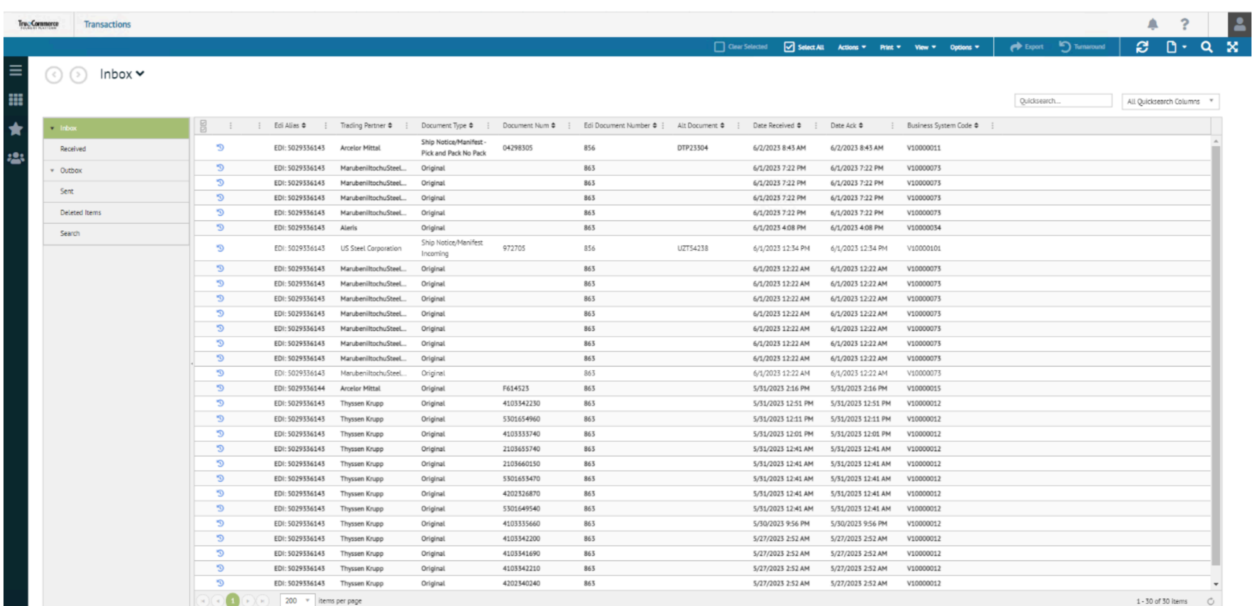
Select "Transaction Manager"



Select “Transactions”



This will prompt you to “the mothership,” which is this Inbox screen.



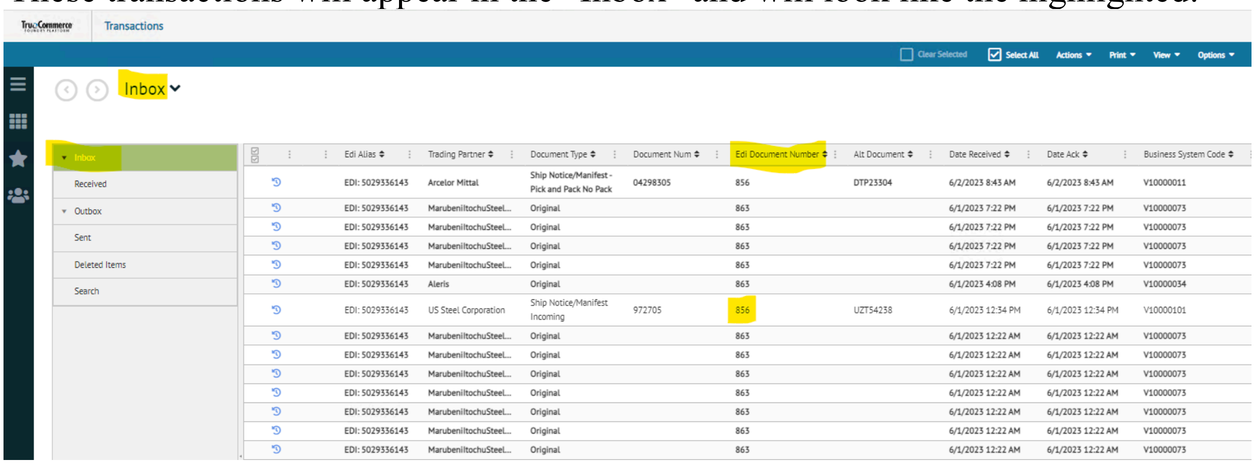
❖ Inbound *856* – Receiving into SAP as a Purchase Order

Inbound *856*’s is when customers send a load’s ASN that’s delivering to HTI.

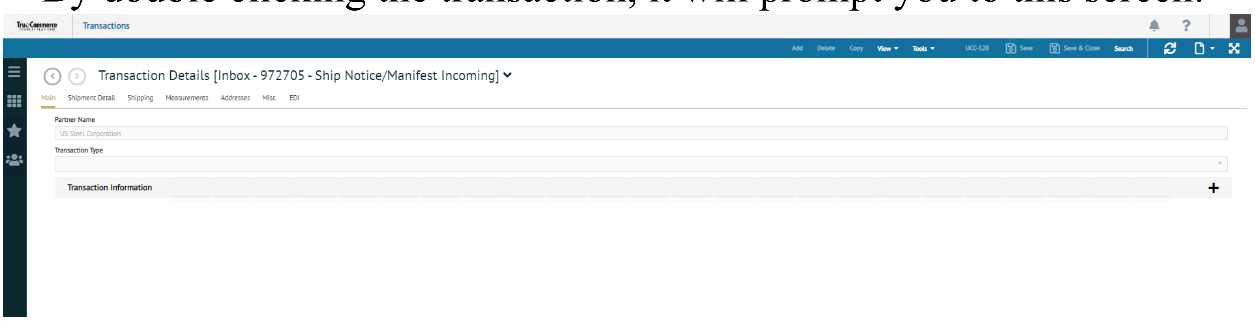
By exporting these transactions, they will be transferred into SAP as a Purchase Order, ready to be copied to a GRPO when the shipment arrives.

You will not be able to edit anything in an inbound *856* since this was sent directly from the customer.

These transactions will appear in the “Inbox” and will look like the highlighted:



By double clicking the transaction, it will prompt you to this screen:



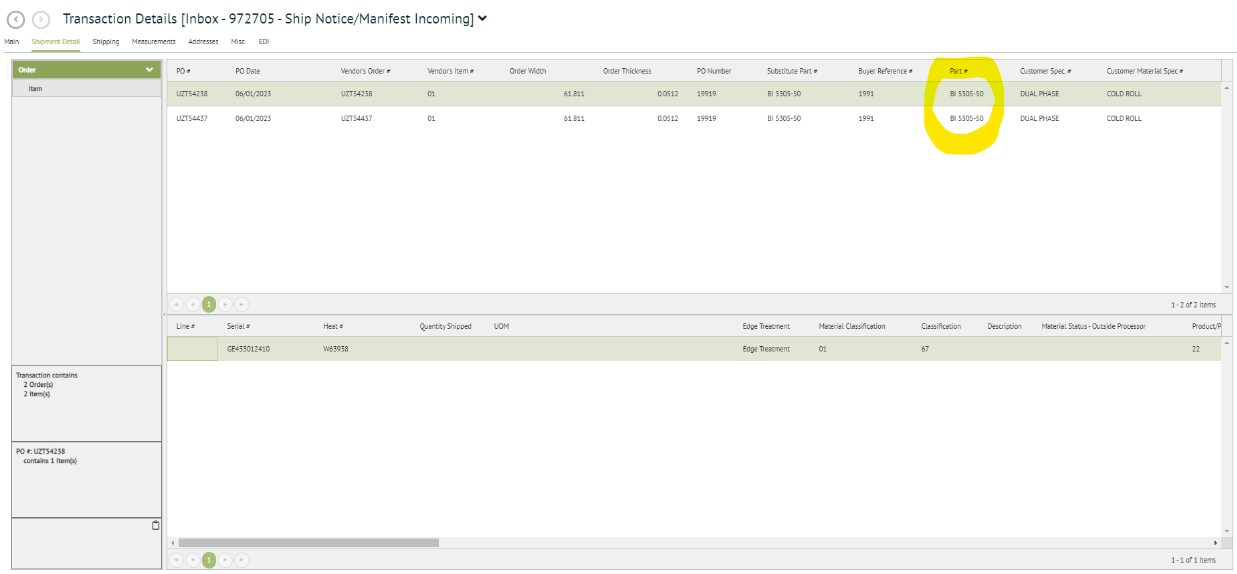
From here, there are several sub-tabs that can be selected. Please note, every customer’s sub-tabs will be different, but all will have the basics.

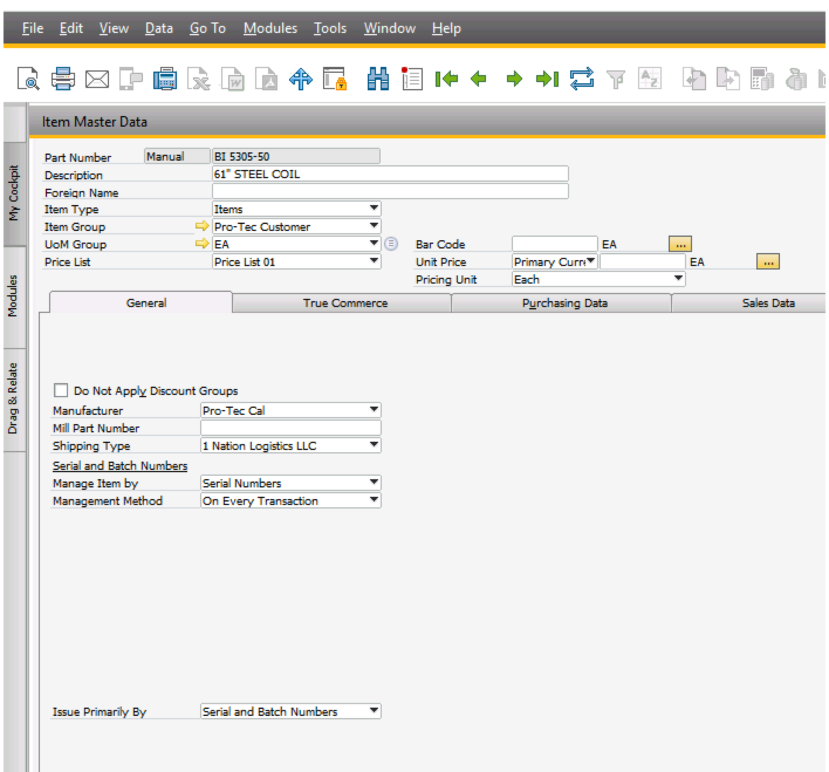
- Main, Shipment Detail, Shipping, Measurements, Misc., & EDI
- The two sub-tabs needed to ensure exporting goes smoothly are “Shipment Detail” & “Address.”

The most important sub-tab is "Shipment Detail." This is where you will verify if part numbers are already built in SAP.

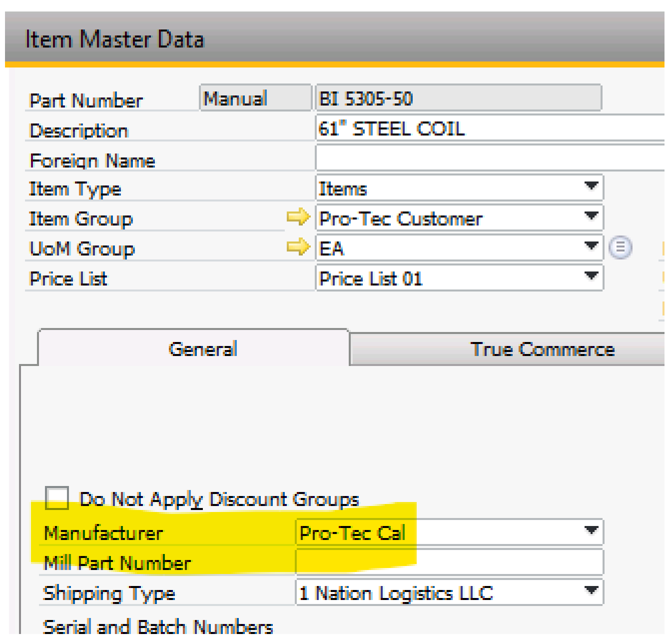
YOU WILL NOT BE ABLE TO EXPORT THIS TRANSACTIONS, IF THE PART NUMBERS ARE NOT BUILT IN SAP & MATCHED WITH THE COORESPONDING CUSTOMER.

To verify, simply copy and paste the part number into the Item Master Data in SAP





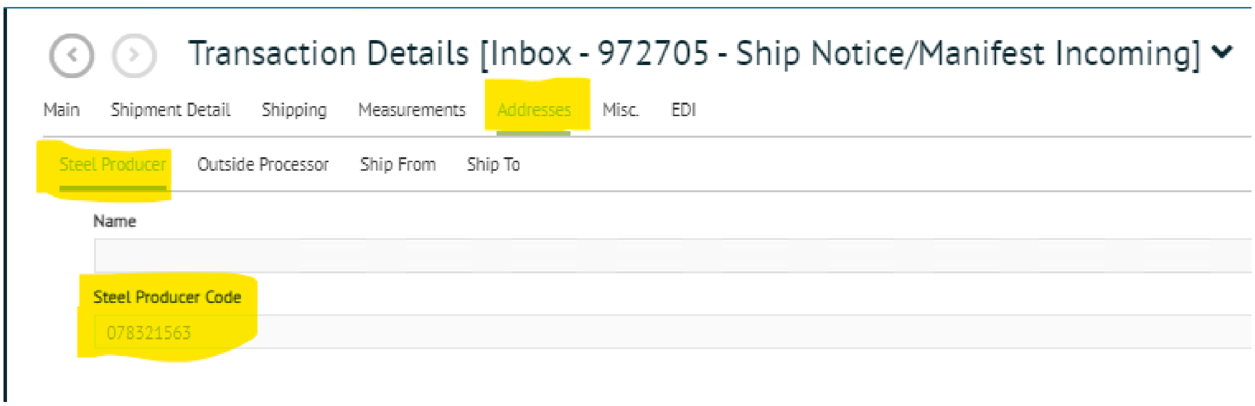
In this case, the part number is already in SAP, but we still need to verify if the correct customer matches with the DUNS number that sent the transaction.



This part number is currently under "Pro-Tec CAL," which we already know their DUNS number is "078321563."

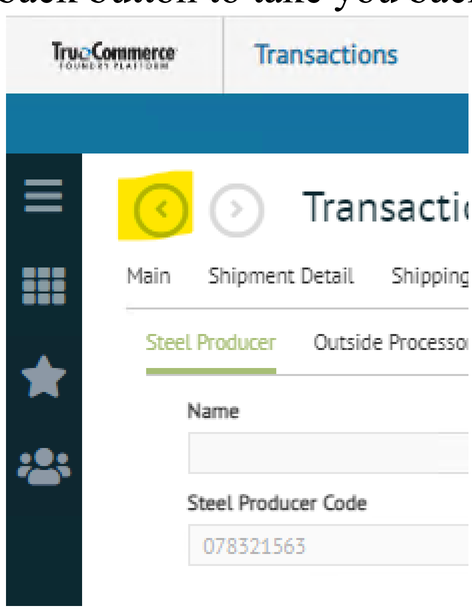
If you are unsure of the DUNS number, please reference the "Customers Connected" section in this instruction booklet.

In EDI, by selecting the "Address" sub-tab, it will take you to the sender's DUNS number.

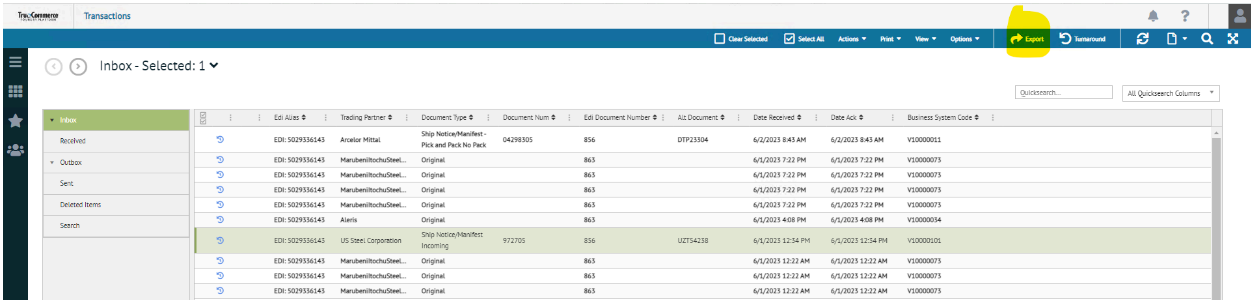


We can see the sender's DUNS number is the same as Pro-Tec CAL's. This *856* is ready to be exported.

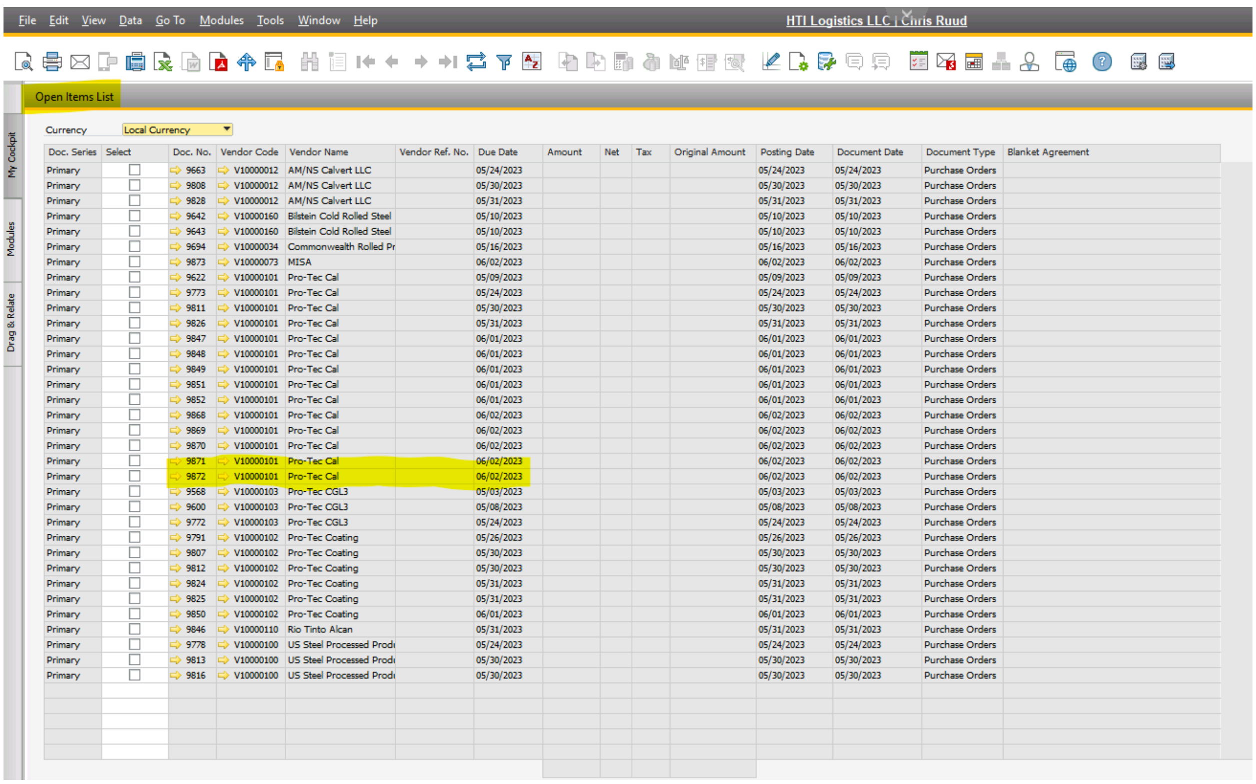
To export, select the back button to take you back to the inbox screen.



Highlight the transaction you just verified and select "Export."



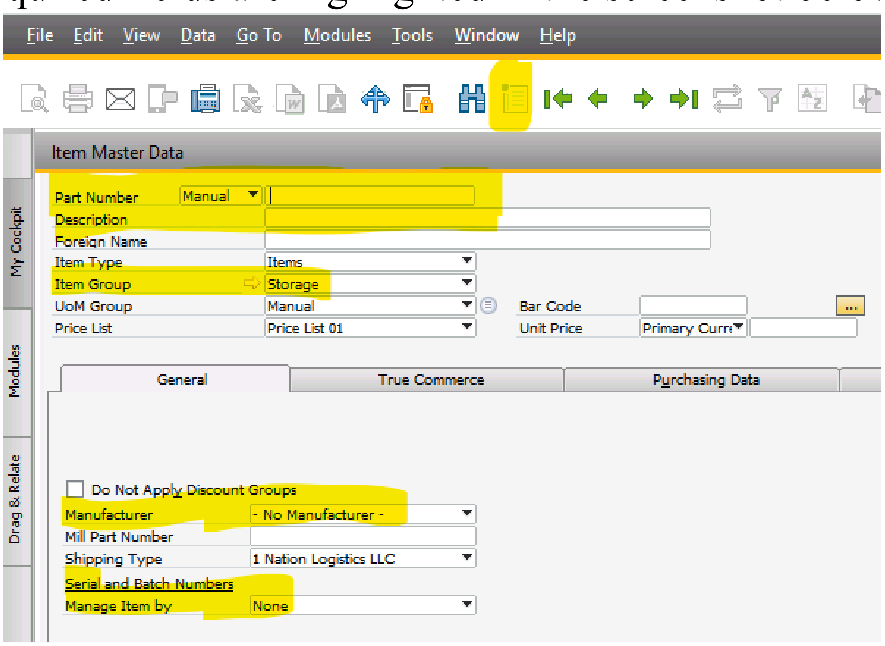
In a matter of minutes, this transaction will be converted to a Purchase Order in SAP, which can be found in the "Open Purchase Orders."



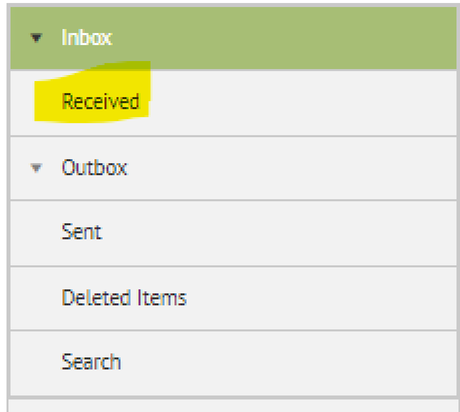
When this shipment arrives, simply click on the Purchase Order, and copy to a GRPO and follow the regular receiving process. Please reference the "Process for Receiving" instructions to finish.

If a part number is not already in SAP, then you'll need to create it in Item Master Data.

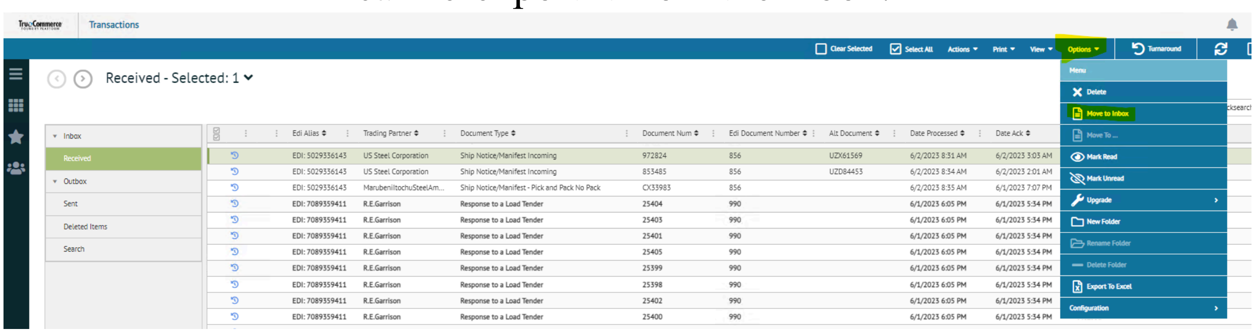
Simply click "Add New," then type in the part number, add the width in the description, select the ship-to as the Item Group, select the manufacturer to ensure it matches with the customer who sent the transaction, and finally select serial numbers as the managed by. All required fields are highlighted in the screenshot below:



Once this transaction is exported, it will automatically be moved to the "Received" folder in EDI.



If you ever need to re-export it, simply click the transaction, and select "options" at the top left and then click "Move to Inbox." From there you can re-export it from the inbox.



❖ Inbound *863* – Receiving into SAP in Serial Number Details

Arguably the easiest transaction. Number one rule is this transaction cannot be exported until the coil has been received into SAP. This transaction can't be exported if there isn't anywhere for it to go.

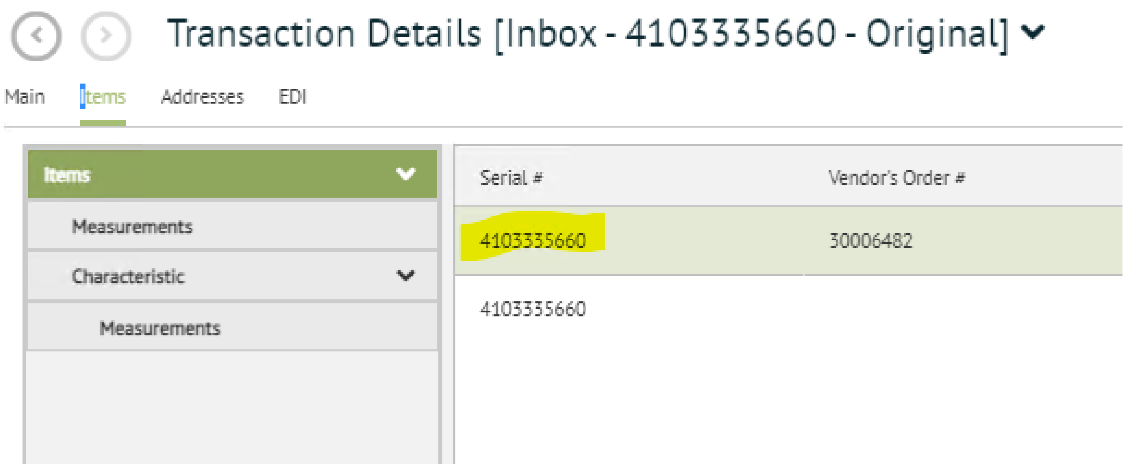
These are the test results and chemical compositions (the certs) that will be printed on our BOL with the coils.

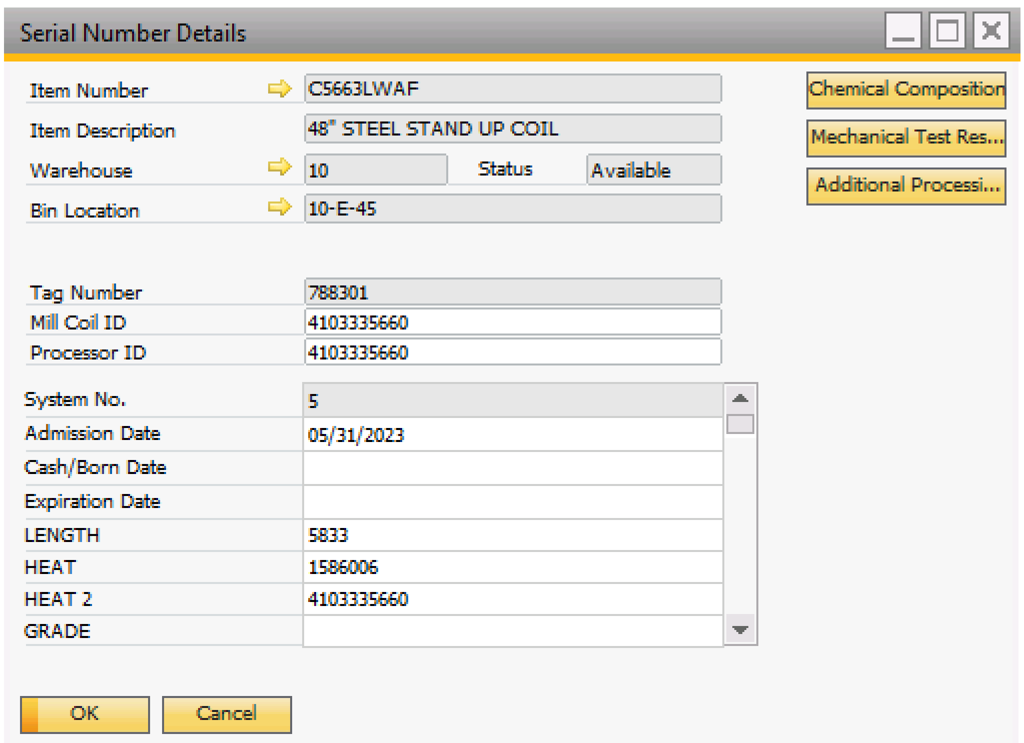
Not all customers require this. The main customers who send this transaction are Cleveland Cliffs (ArcelorMittal in EDI), AM/NS Calvert (Thyssen Krupp in EDI), and MISA (MarubeniItochuSteelAmericaInc in EDI).

Select the *863* in the inbox.

EDI: 5029336143	Thyssen Krupp	Original	5301649540	863	5/31/2023 12:41 AM	5/31/2023 12:41 AM	V10000012
EDI: 5029336143	Thyssen Krupp	Original	4103335660	863	5/30/2023 9:56 PM	5/30/2023 9:56 PM	V10000012
EDI: 5029336143	Thyssen Krupp	Original	4103342200	863	5/27/2023 2:52 AM	5/27/2023 2:52 AM	V10000012

Under the Items sub-tab copy and paste the serial number into SAP's Serial Number Details.

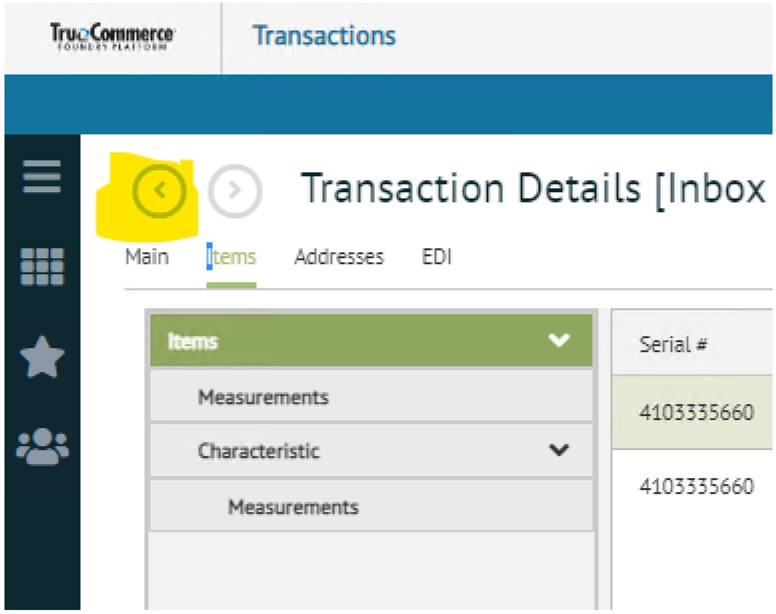




If the coil populates in Serial Number Details, then it’s ready to be exported.

If nothing populates, then wait for the coil to be received, then export it.

Click the back button.

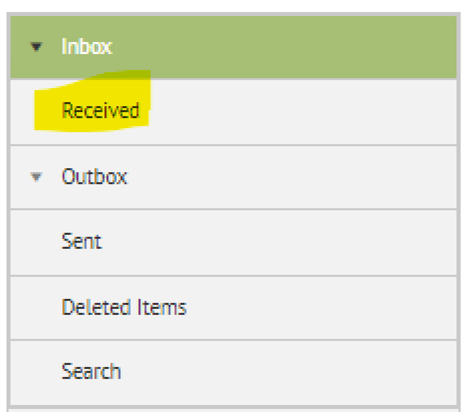


Click on the transaction you wish to export.

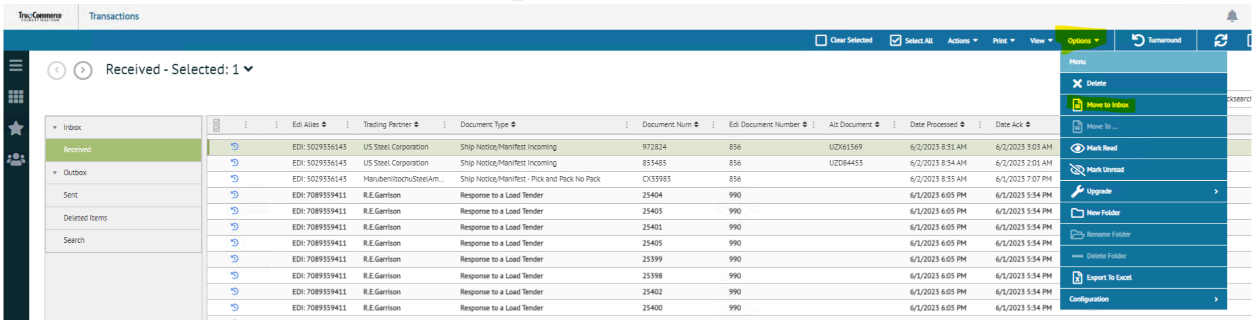
EDI: 5029336143	Thyssen Krupp	Original	5301649540	863	5/31/2023 12:41 AM	5/31/2023 12:41 AM	V10000012
EDI: 5029336143	Thyssen Krupp	Original	4103335660	863	5/30/2023 9:56 PM	5/30/2023 9:56 PM	V10000012
EDI: 5029336143	Thyssen Krupp	Original	4103342200	863	5/27/2023 2:52 AM	5/27/2023 2:52 AM	V10000012

Click the “Export” button on the top right.

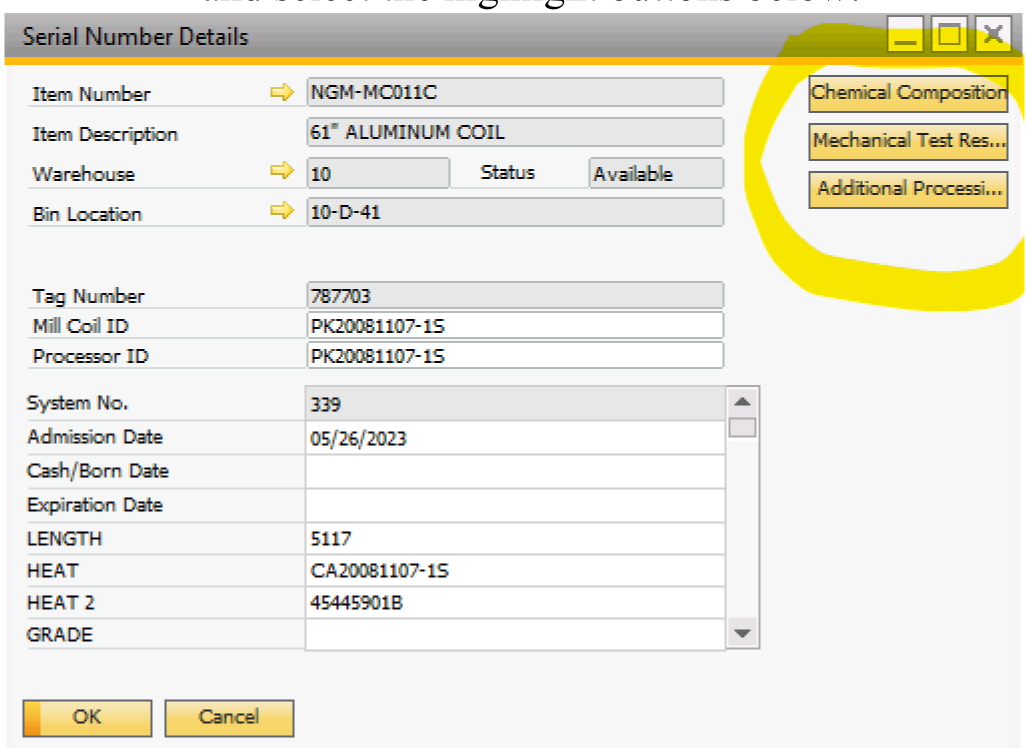
Once this transaction is exported, it will automatically be moved to the “Received” folder in EDI.



If you ever need to re-export it, simply click the transaction, and select "options" at the top left and then click "Move to Inbox." From there you can re-export it from the inbox.



To confirm the *863* went through, go to Serial Number Details in SAP, and select the highlight buttons below:



If everything below appears, then you're finished.

Heat	Name	Value
368203	CARBON	0.0020
368203	MANGANESE	0.1100
368203	PHOSPHORUS	0.0090
368203	SULFUR	0.0080
368203	SILICON	0.0060
368203	COPPER	0.0200
368203	NICKEL	0.0100
368203	MOLYBDENUM	0.0100
368203	CHROMIUM	0.0300
368203	COLUMBIUM	0.0100
368203	VANADIUM	0.0020
368203	ALUMINUM	0.0660
368203	TIN	0.0020
368203	TITANIUM	0.0420
368203	NITROGEN	0.0018
368203	BORON	0.0001

Close

The certs will be printed on the BOL when the coil ships.

HTI Logistics

DELIVER TO
Misa Louisville
7300 Global Drive
Louisville KY 40258

ORDER INFORMATION
Shipper:
Cleveland Cliffs Steel LLC Division:IH
Duns #: 005159199
LOC. 7200 Riverport Dr, Louisville KY 40258

TRANSPORTATION INFORMATION
BOL# 105712 Page#: 1 of 2
Pick Up Date: 6/1/23 Time: 15:00
Delivery Date: 6/1/23 Time: 15:15
Load #:
Freight Terms: Prepaid
Mill Bol #: 005159199 Customer #:
Appt#:
Carrier: Hill Transportation LLC
Truck # 415
Ship # 445218

PRODUCT DESCRIPTION

QTY/ PCS	Tag No	Mill Coil ID/ Proc ID	Born on/ Exp Date	Heat/ Heat2	Dimensions in./Dimensions mm./ Part #/Mill Order/Grade/Alloy	Length/ Length MM	Sh PO/MPO/ Cust PO	Net Wt LBs/ KGs	Tare Wt LBs/ KGs	Gross Wt LBs/ KGs	Pin Pallet
1 1	785004	920-09863		359750 920-09863	0.0693 X 44.0945 1.7600 mm X1.0000 mm CA1761120 2842733	3959 1220956.00	DTP23304 DTP23304	41204 18689	0 0	41204 18689	

C	MN	P	S	SI	CU	NI	MO	CR	CB	V	AL	SN	TI	N	CA
0.002000	0.080000	0.003000	0.010000	0.006000	0.010000	0.010000	0.010000	0.020000	0.001000	0.002000	0.069000	0.002000	0.062000	0.004900	0.000100

Yield Strength 199.00 Mega Pascals
Tensile Strength 307.00 Mega Pascals
Elongation 48.00 Percent
Elongation 50.00 Millimeter
N-Value 0.21 Test Specific Scale

QTY/ PCS	Tag No	Mill Coil ID/ Proc ID	Born on/ Exp Date	Heat/ Heat2	Dimensions in./Dimensions mm./ Part #/Mill Order/Grade/Alloy	Length/ Length MM	Sh PO/MPO/ Cust PO	Net Wt LBs/ KGs	Tare Wt LBs/ KGs	Gross Wt LBs/ KGs	Pin Pallet
1 1	785003	920-09864		359750 920-09864	0.0693 X 44.0945 1.7600 mm X1.0000 mm CA1761120 2842733	3918 1208311.00	DTP23304 DTP23304	40763 18489	0 0	40763 18489	

C	MN	P	S	SI	CU	NI	MO	CR	CB	V	AL	SN	TI	N	CA
0.002000	0.080000	0.003000	0.010000	0.006000	0.010000	0.010000	0.010000	0.020000	0.001000	0.002000	0.069000	0.002000	0.062000	0.004900	0.000100

Yield Strength 195.00 Mega Pascals
Tensile Strength 304.00 Mega Pascals
Elongation 49.00 Percent
Elongation 50.00 Millimeter
N-Value 0.21 Test Specific Scale

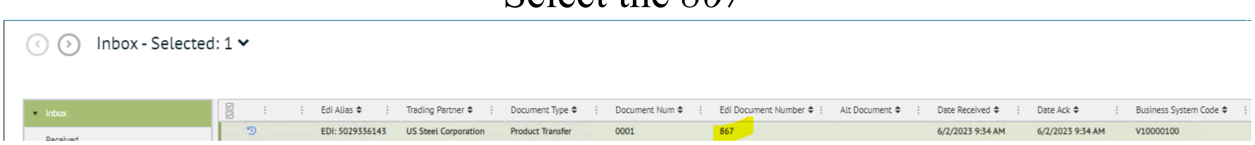
❖ Inbound *867* – Reapplication of a coil

When a coil is reapplied, majority of the time all you need to do is search the coil in Serial Number Details and change the mill order numbers and purchase order numbers.

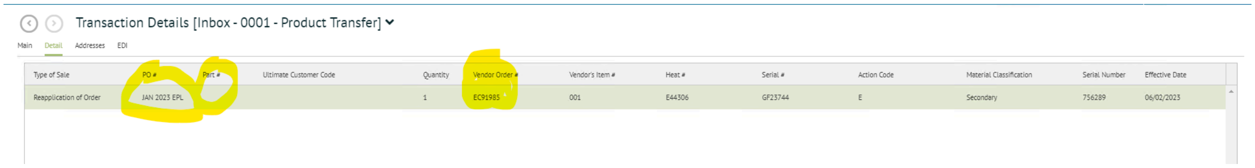
Occasionally, you'll need to change the part number, too, which instructions can be reference in "Process of Changing Part Numbers."

This transaction is not set up to be exported in EDI. You can only manually adjust in SAP.

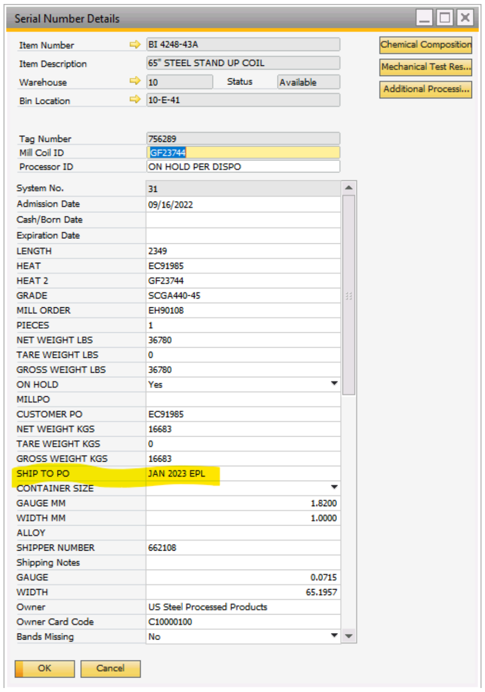
Select the *867*



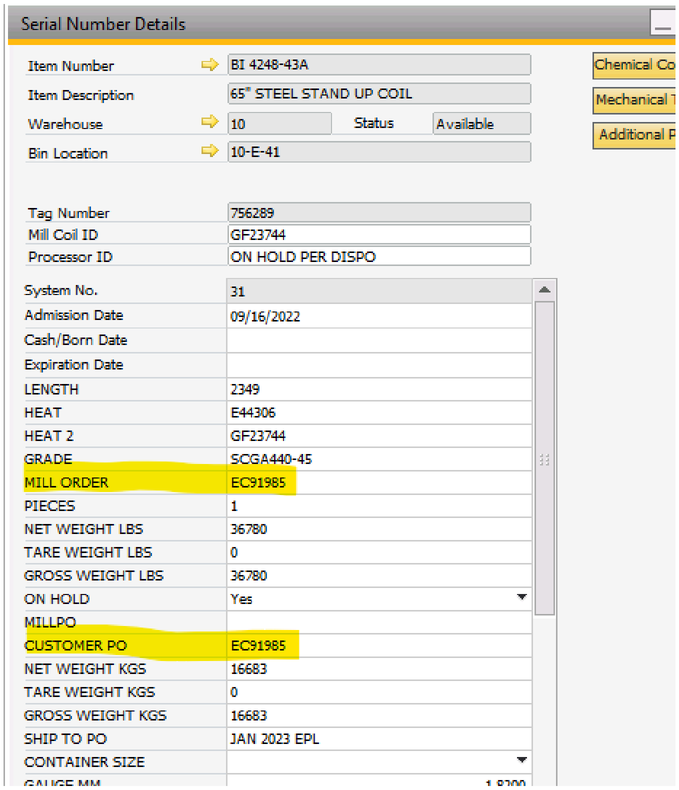
All the information that you'll need will be in the "Detail" sub-tab.



The PO# field in EDI will be the value that needs to be replaced in the "Ship To PO" field in Serial Number Details.



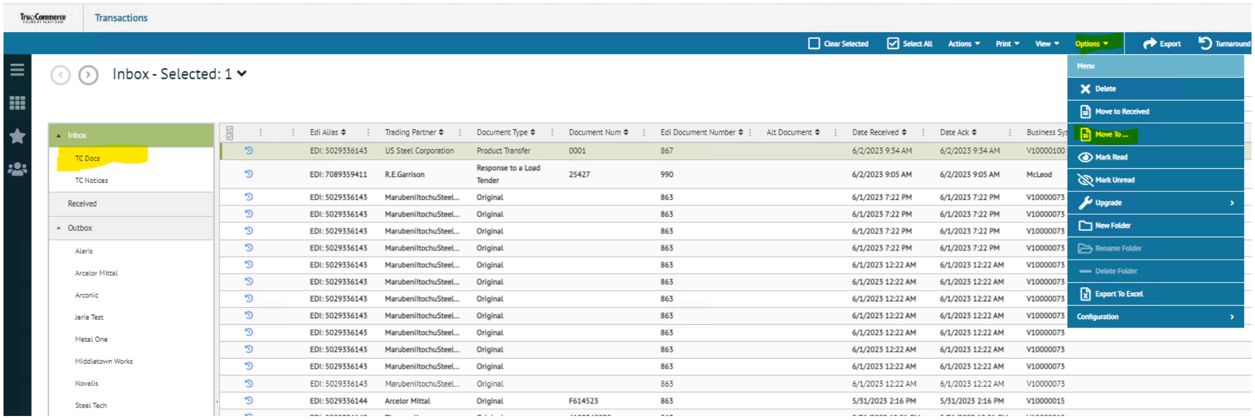
The "Vendor Order #" field in EDI will be the value that needs to be replaced in "Mill Order" & "Customer PO" fields in Serial Number Details.



If the part number needs to be changed, please go through the part number changing process that can be referenced in “Process of Changing Part Numbers.”

Once this step is done, you can simply move the transaction to “TC Docs” in the sub-Inbox folder. This way you can go back to reference. DO NOT DELETE THE TRANSACTION.

Options --> Move To --> TC Docs



❖ Outbound *856* – Shipping out of SAP through Delivery

Outbound *856*'s is entirely automated. There will be times where you'll need to manually import them if there's an error in the server.

Outbound *856*'s derives from the "Delivery" function in SAP. As soon as a BOL is created in SAP, the *856* is generated, imported, and sent in EDI. Only for customers connected with HTI via EDI, of course.

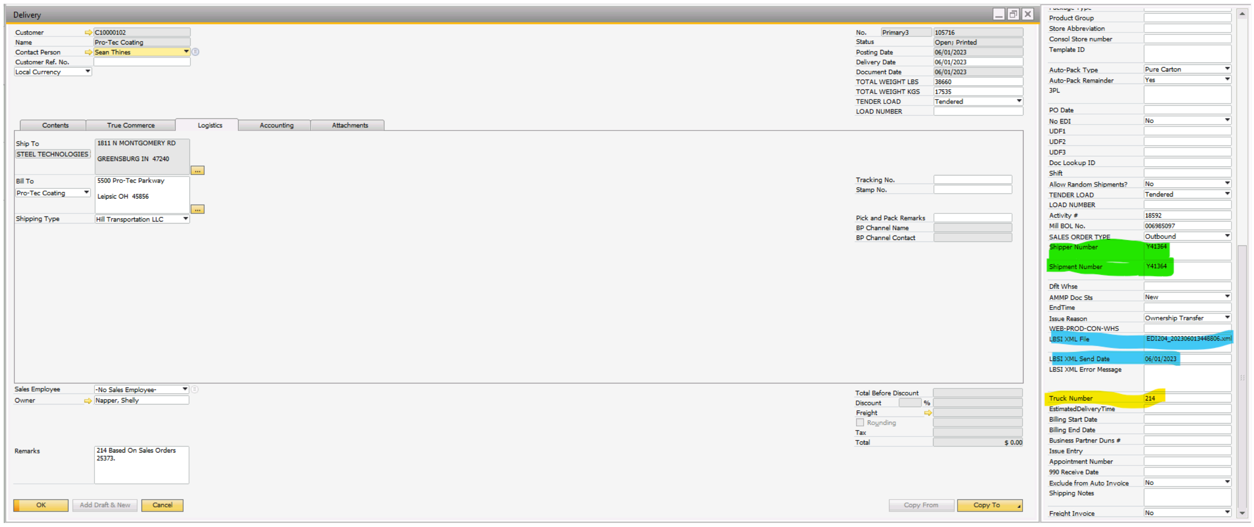
Create your Delivery

Reference “Creating a BOL” instructions.

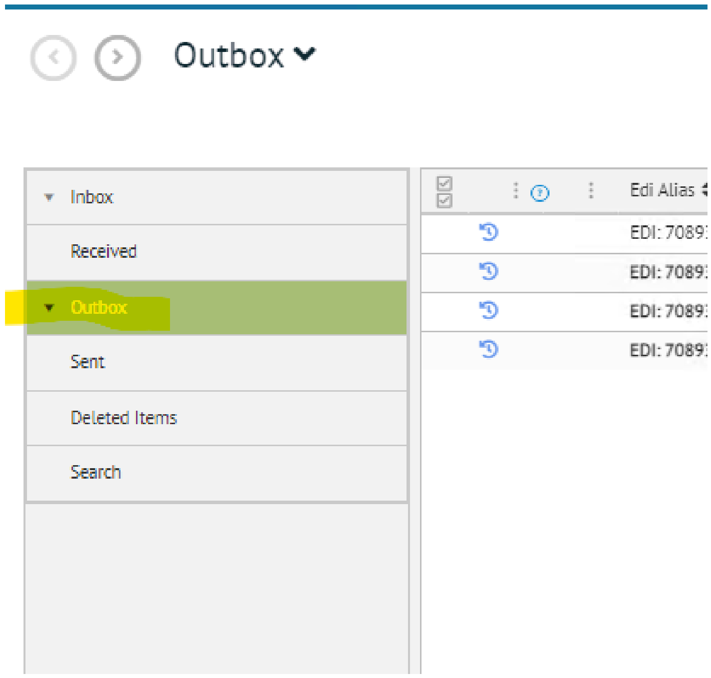
Highlighted in green: If the customer requires load prefixes/series, they will automatically populate numerically in the “Shipper Number/Shipment Number” fields in the User Defined Fields.

Highlighted in blue: When the Delivery automatically imports into EDI, the “LBSI XML Send Date/LBSI XML File” fields will populate, thus confirming the load was pushed to EDI.

Highlighted in yellow: This is very, very important. Outbound *856*’s will not automatically send without truck numbers entered. You must manually enter the truck number of the shipment in the “Truck Number” field in the User Defined Fields.

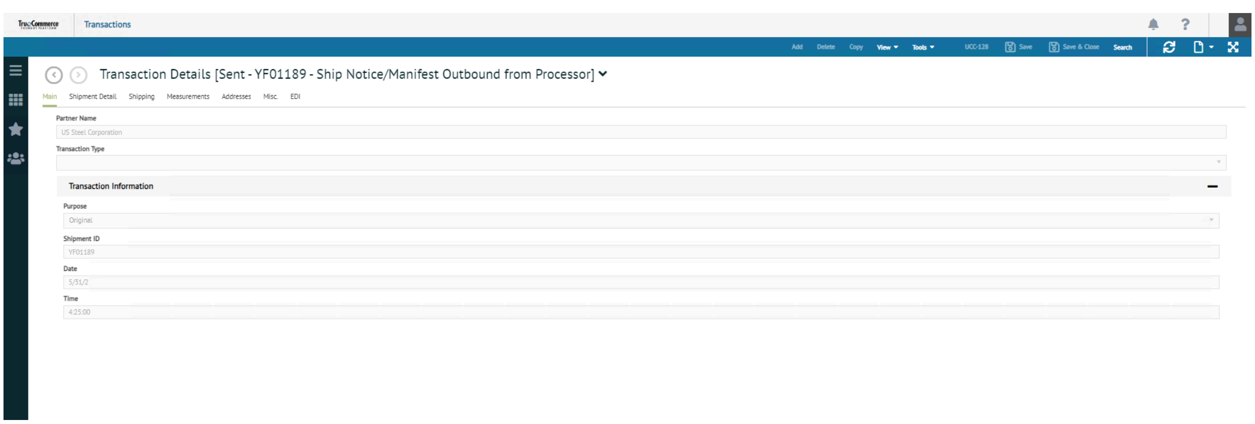


To find the outbound *856*, go to the “Outbox” in EDI.

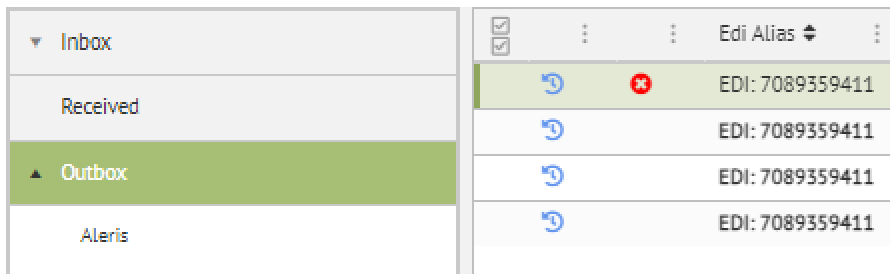


Be patient, as it can take up to 15 minutes for the transaction to be automatically imported.

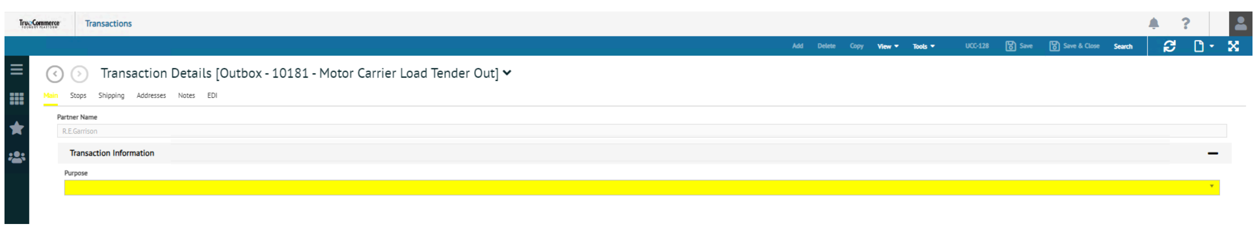
The format of an inbound *856* will be fairly identical to an outbound *856.* Same sub-tabs.



If a field is missing a value within the *856*, there will be a red circle with an X next to the transaction in the Outbox.

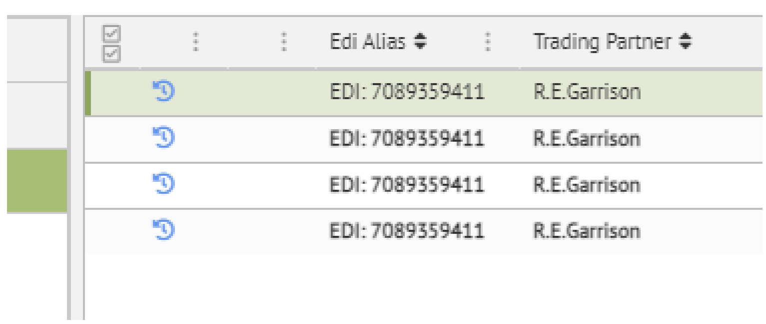


Simply select the transaction, click the tab that's highlighted, and fill in the required value that's highlighted.



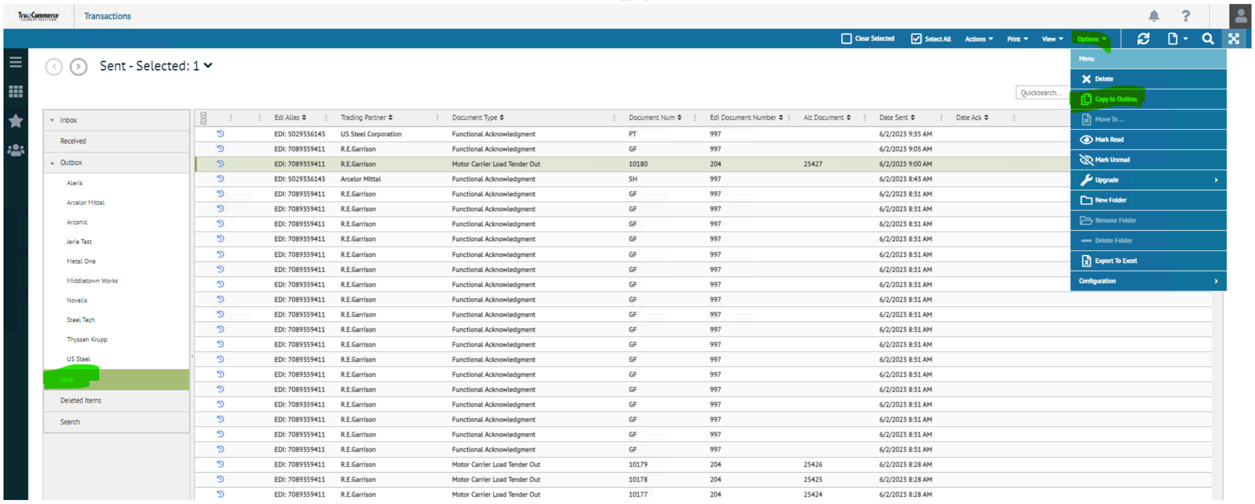
Once completed, click "Save & Close" at the top left.

The red circle with the X will disappear, allowing the transaction to be sent.



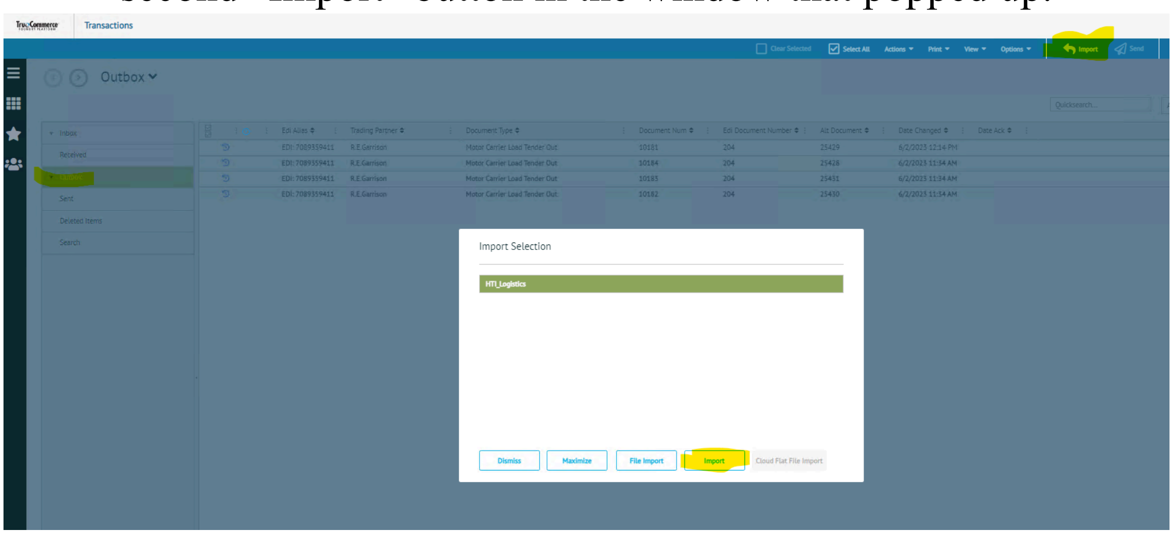
Once the transaction is sent, it will automatically be placed in the "Sent" folder.

If for whatever reason you need to resend the transaction, simply go to the Sent folder, select the transaction, click "Options" at the top right, and select "Copy to Outbox."



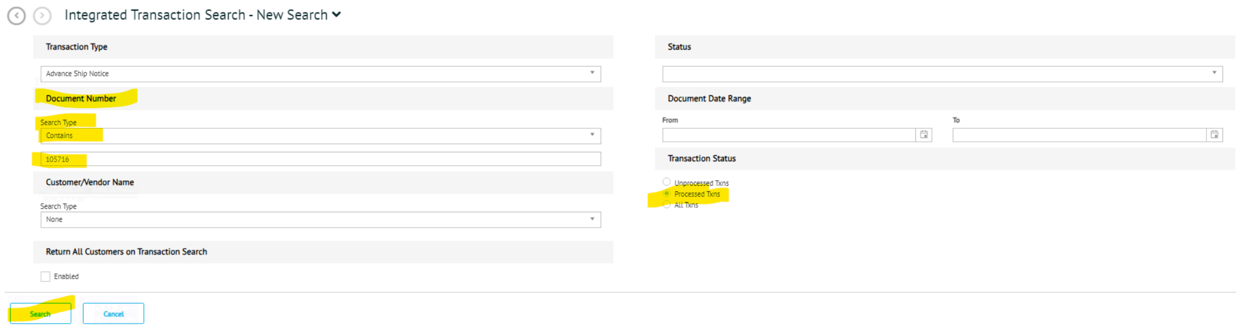
Then go back to the Outbox and resend the transaction.

If an outbound *856* needs to be pushed into EDI after the Delivery is created, go to the Outbox, select "Import" at the top right, then select the second "Import" button in the window that popped up.

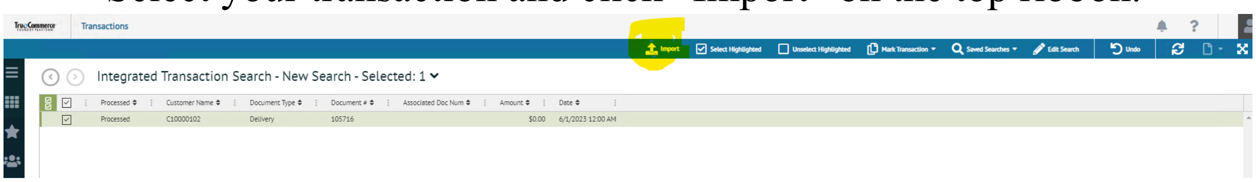


This next window will appear. The only thing you need to do is select "Contains" in the "Search Type" field under "Document Number." In the field below labeled "Enter Value," type in the Delivery Number that's created in SAP.
Finally, make sure on the right side of the screen, "Processed Txns" is selected.

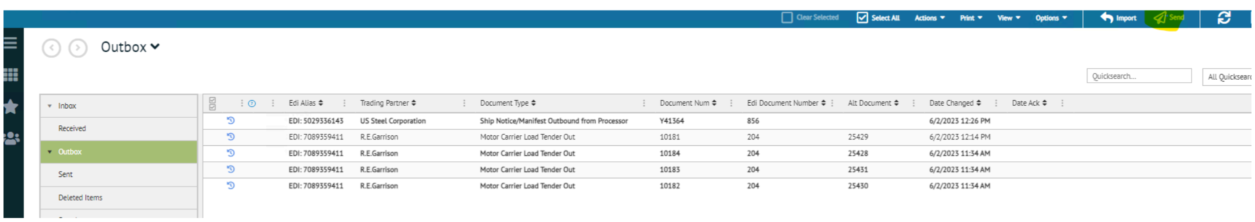
Then click "Search" at the bottom left.



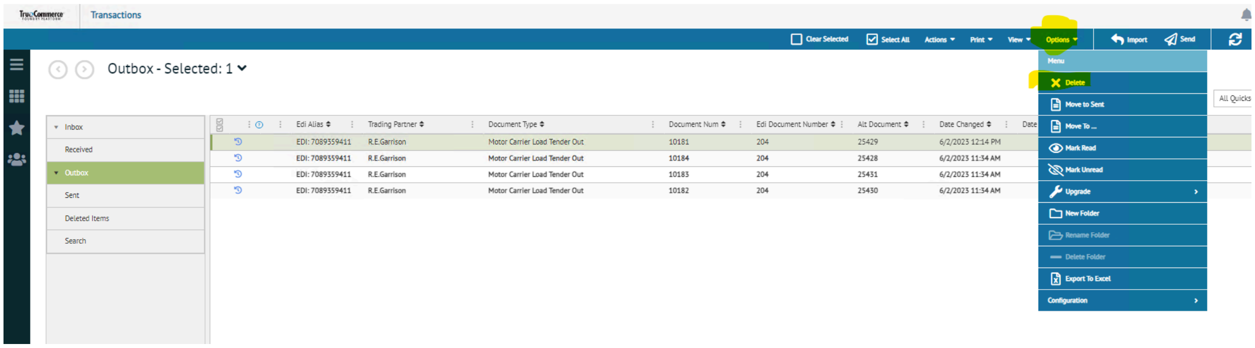
Select your transaction and click "Import" on the top ribbon.



Select the transaction you wish to send and click "Send" on the top ribbon.



If you accidently imported the wrong Delivery, simply click the transaction, select "Options" at the top row and click "Delete."



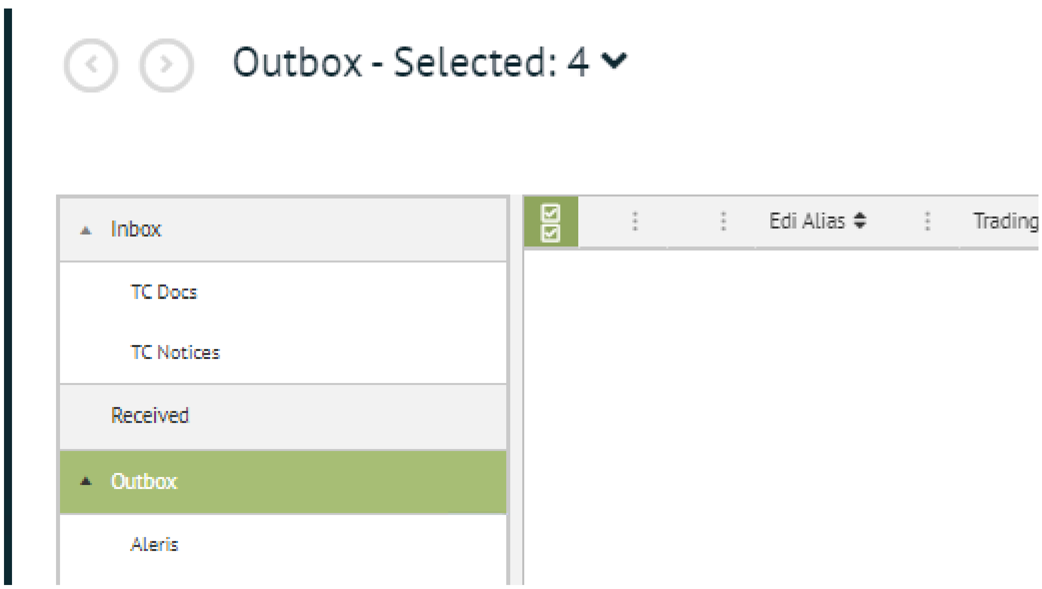
❖ Outbound *861* – Sending Receipt of Inbound Shipments from GRPO

Whenever a GRPO is created for a customer connected with us through EDI, they will receive an *861*.

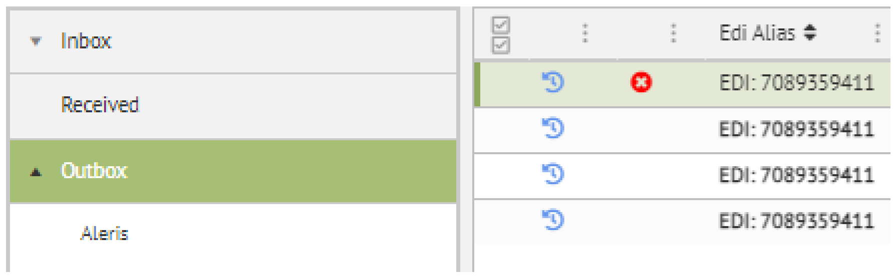
The inbound *856* that the customer sends us will eventually mean they will receive an outbound *861* from us in return.

The inbound *856* creates a Purchase Order in SAP. When we copy the Purchase Order to a GRPO and add it, that automatically generates and sends the *861*.

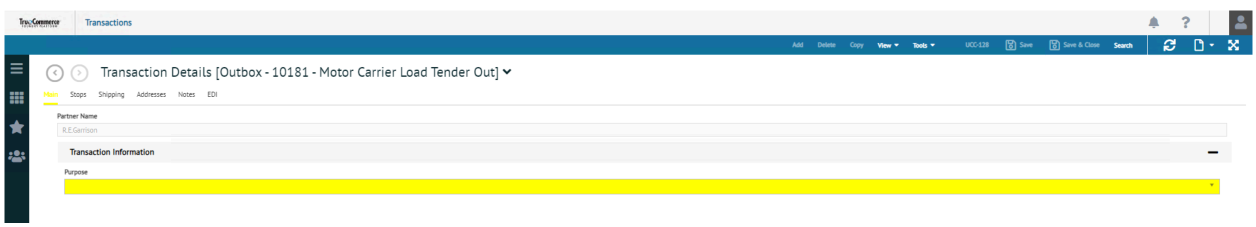
Like the outbound *856*, the outbound *861* will be imported into the Outbox in EDI.



If a field is missing a value within the *861*, there will be a red circle with an X next to the transaction in the Outbox.

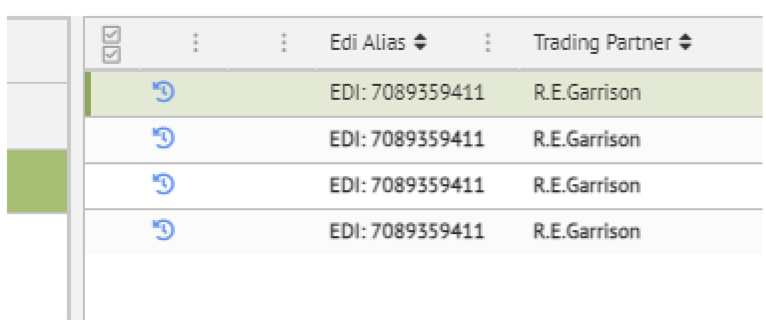


Simply select the transaction, click the tab that's highlighted, and fill in the required value that's highlighted.



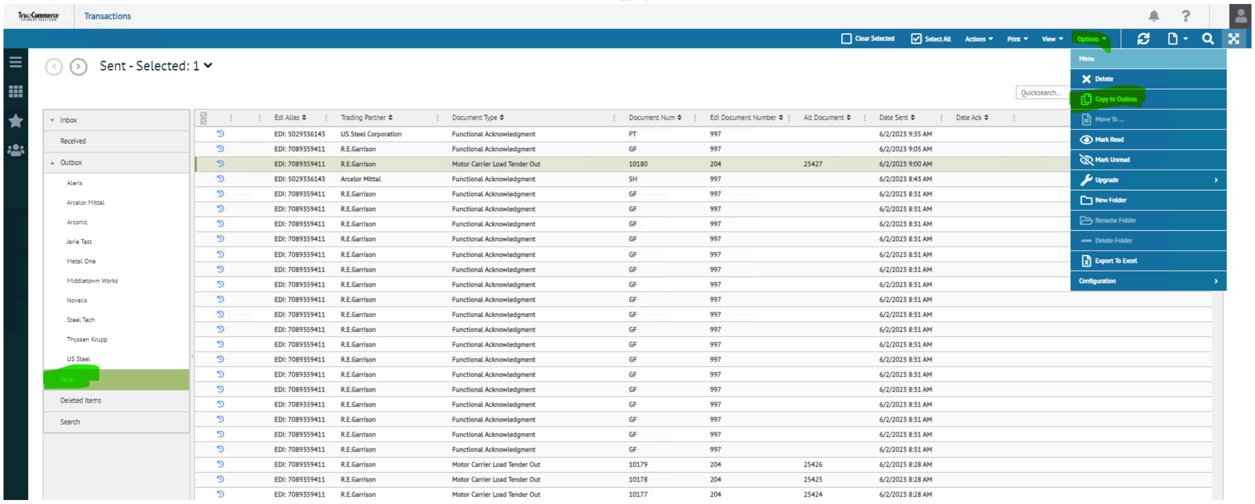
Once completed, click "Save & Close" at the top left.

The red circle with the X will disappear, allowing the transaction to be sent.



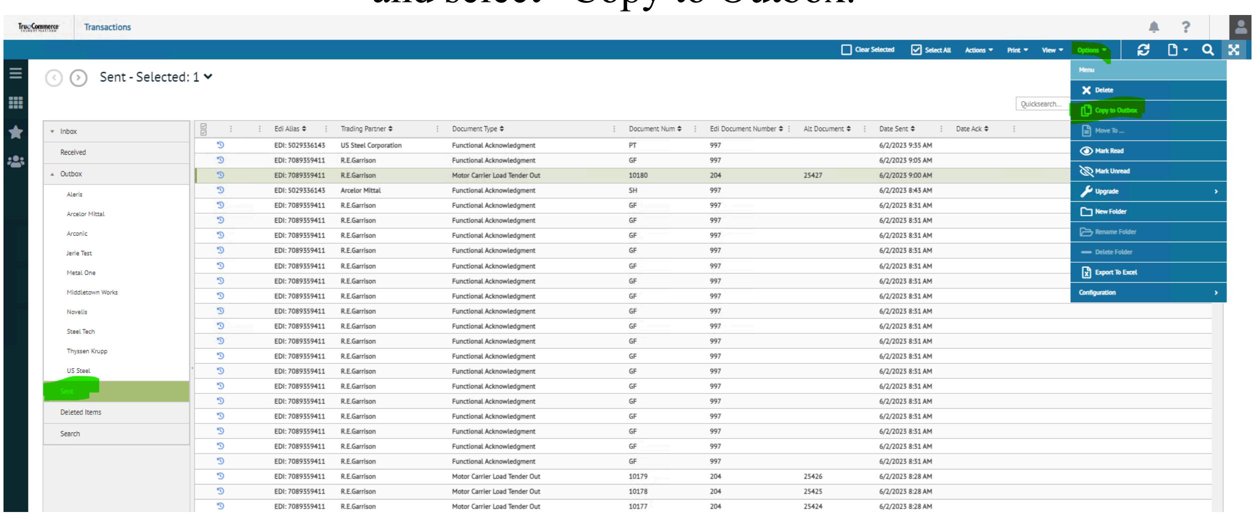
Once the transaction is sent, it will automatically be placed in the "Sent" folder.

If for whatever reason you need to resend the transaction, simply go to the Sent folder, select the transaction, click “Options” at the top right, and select “Copy to Outbox.”



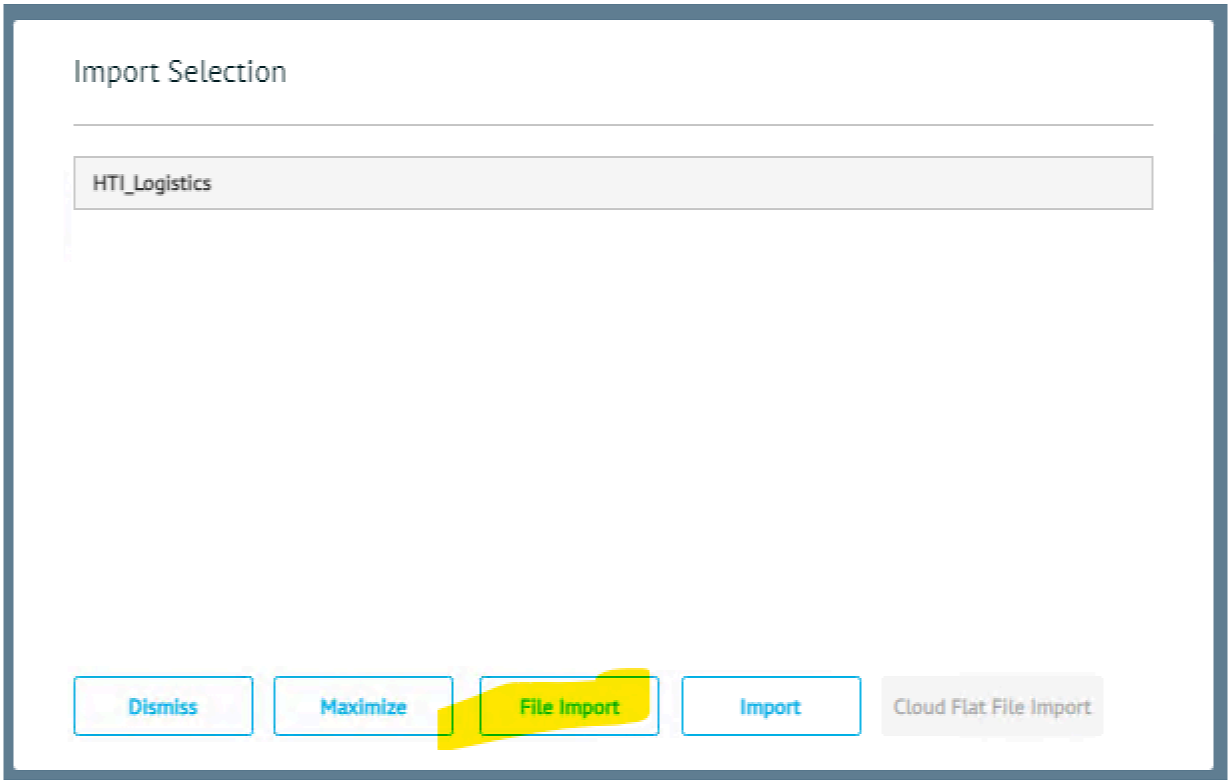
Once the transaction is sent, it will automatically be placed in the “Sent” folder.

If for whatever reason you need to resend the transaction, simply go to the Sent folder, select the transaction, click “Options” at the top right, and select “Copy to Outbox.”

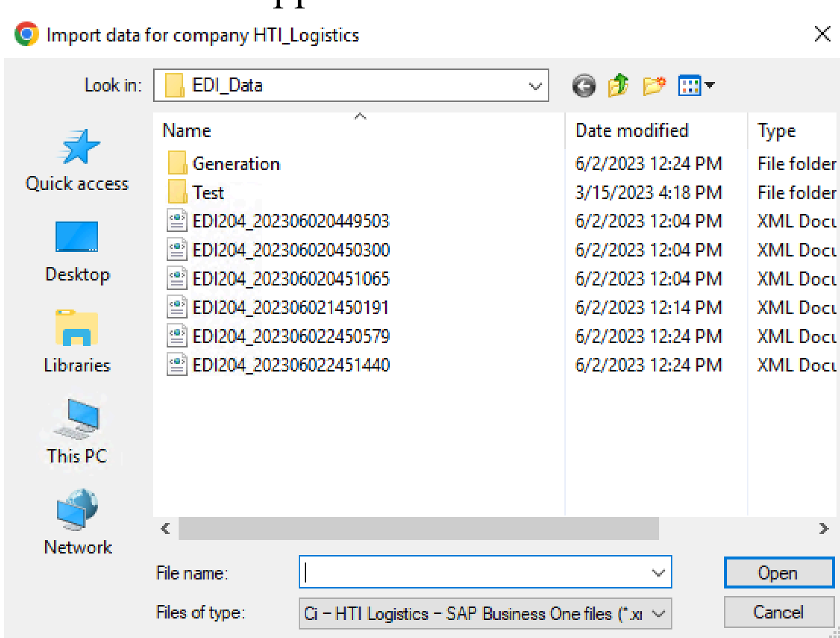


Then go back to the Outbox and resend the transaction.

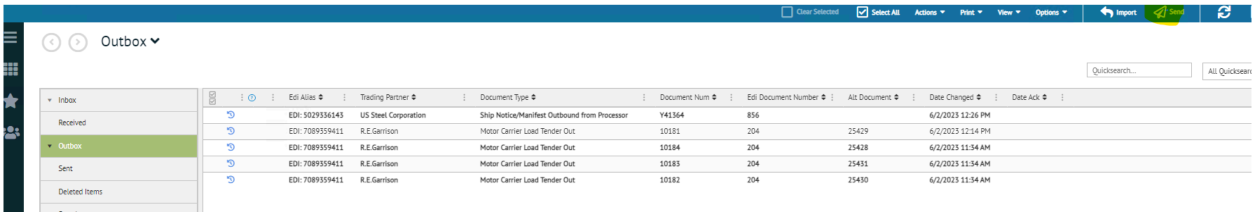
If an outbound *861* needs to be pushed into EDI after the GRPO is created, go to the Outbox, select "Import" at the top right, then select the "File Import" button in the window that popped up.



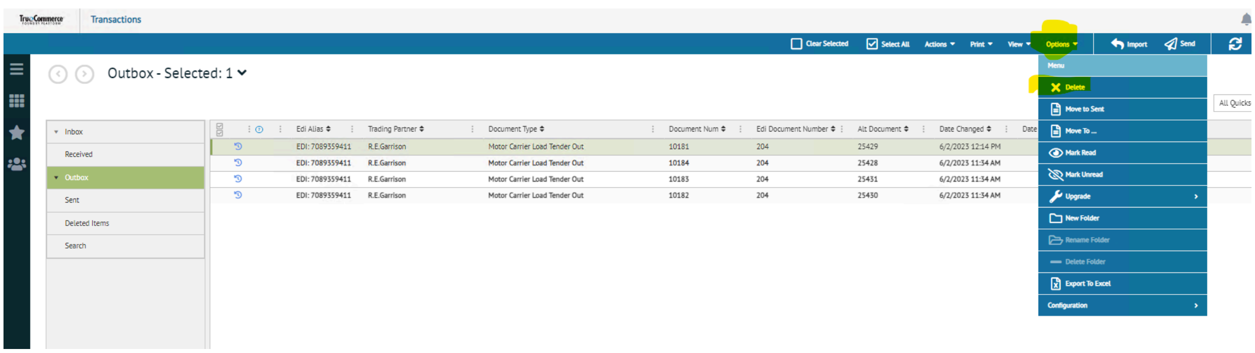
A new file window will appear. Select the *861* file and click "Open."



Select the transaction you wish to send and click “Send” on the top ribbon.



If you accidently imported the wrong GRPO, click the transaction, select “Options” at the top row and click “Delete.”



❖ <u>Outbound *846* – Sending Inventory Report (Handoff)</u>

These are set to be imported and sent every day at 0200. This is entirely automated. If you wish to send a new *846* to a customer, you will need to contact LBSI.

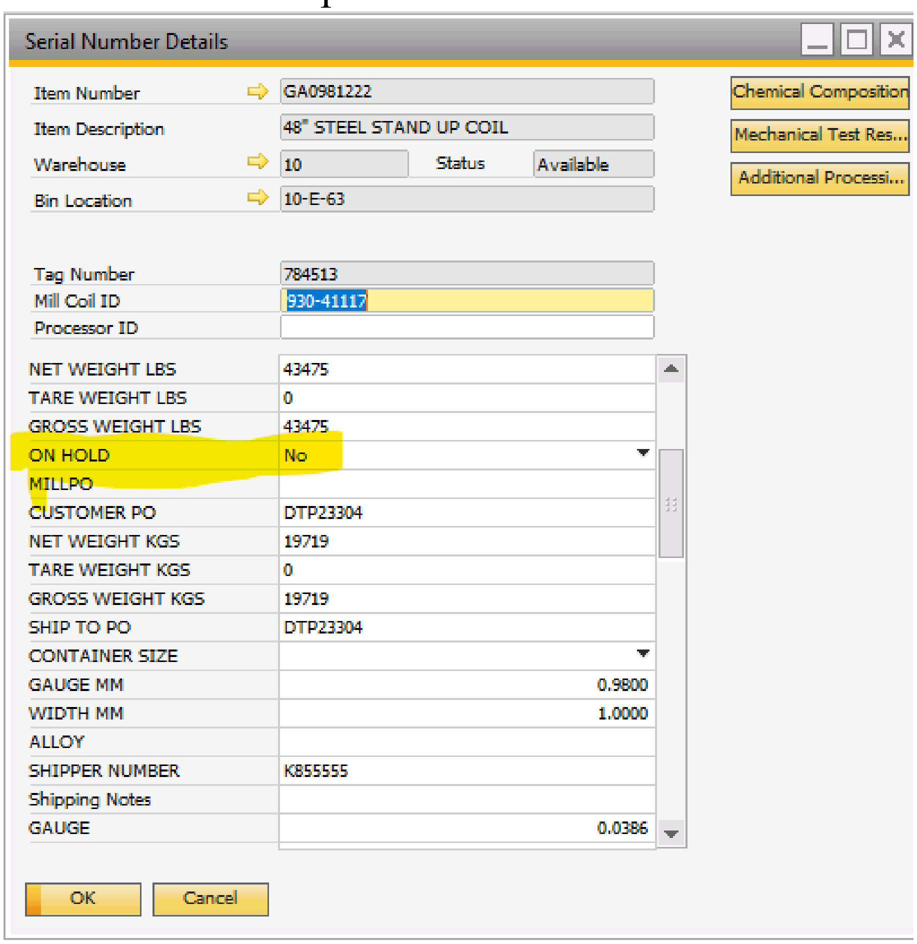
❖ Outbound *870* – Order Status

If a coil needs to be placed on hold, this is the transaction that will be sent to the customer.

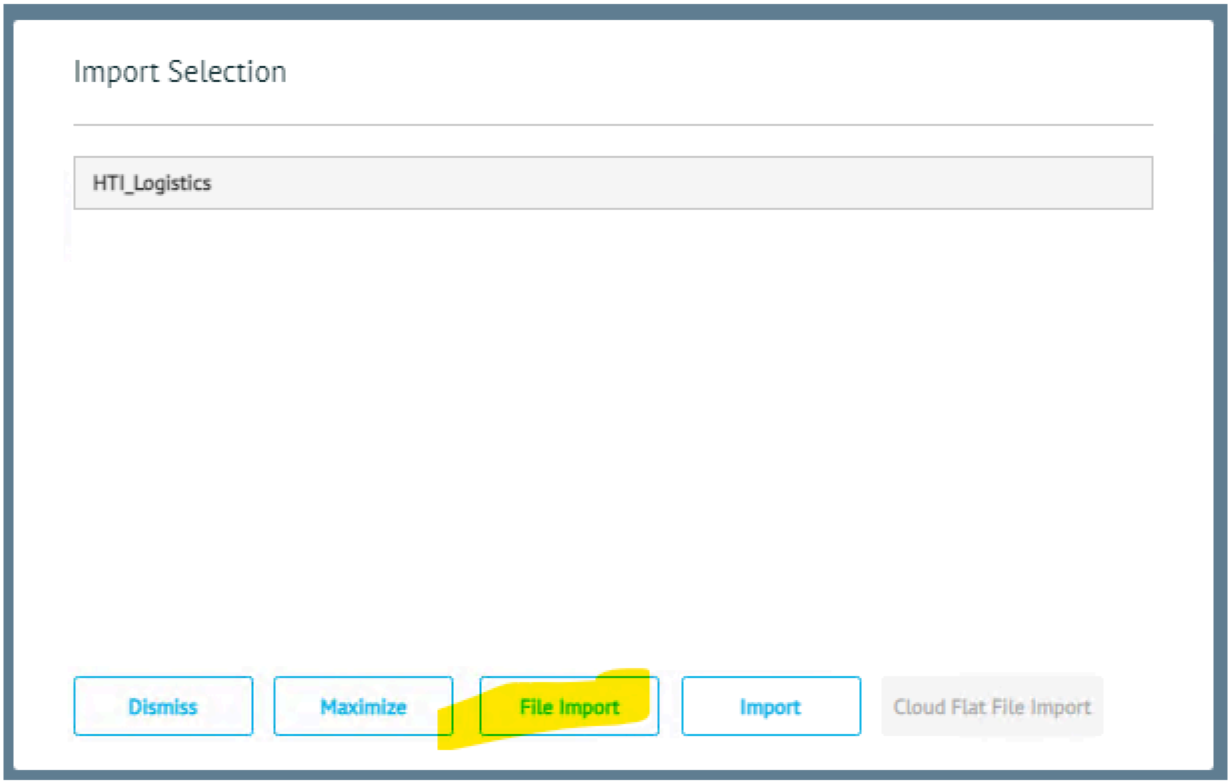
It's best to work with the customer directly to get the specific code that's needed.

This transaction is not common but will occasionally be requested by customers.

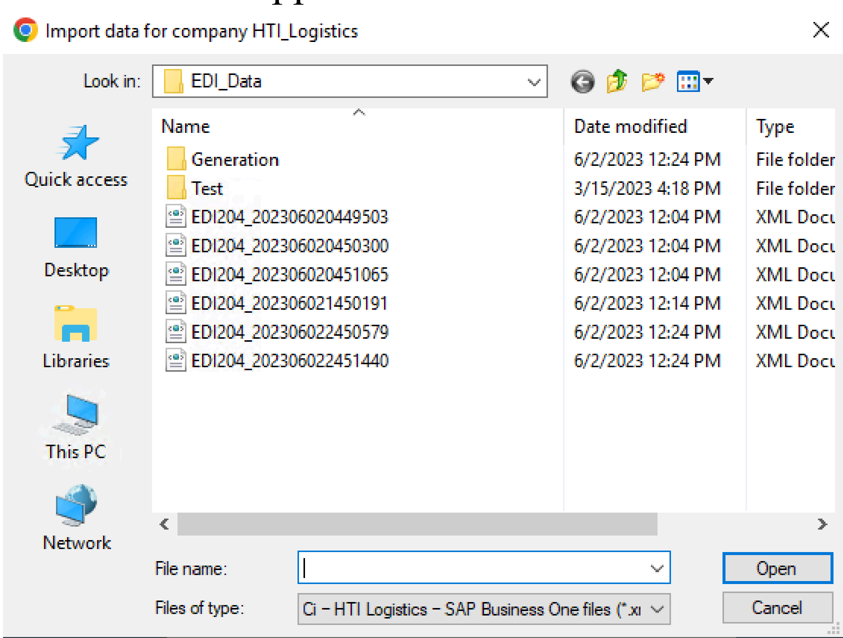
To generate an *870*, search the coil in Serial Number Details and place it on hold.



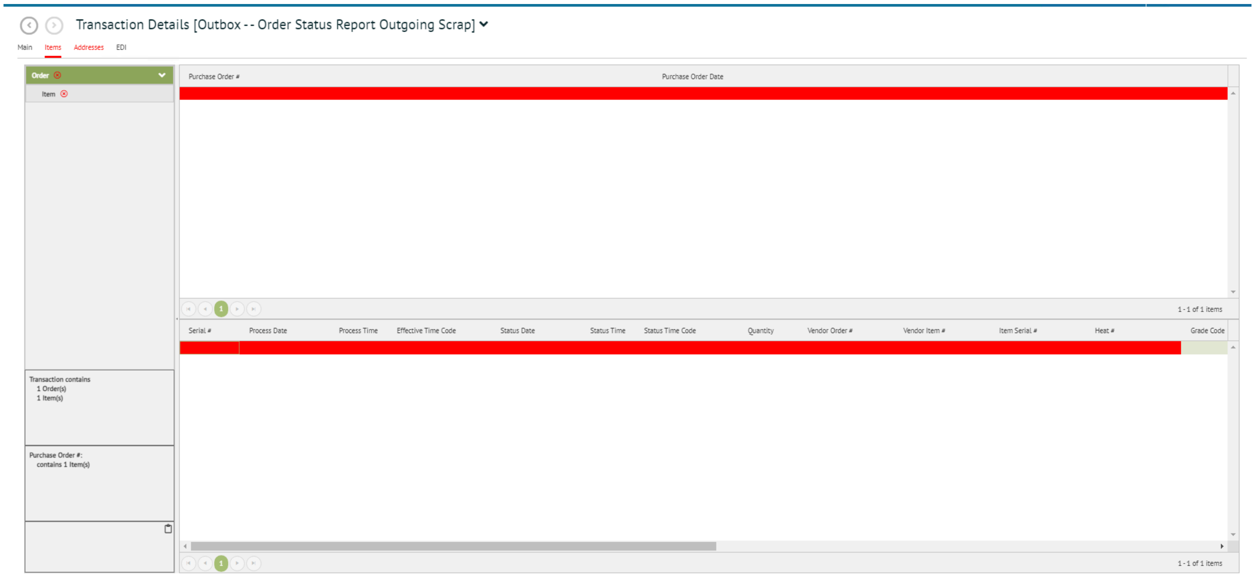
Go to the Outbox in EDI, select "Import" at the top right, then select the "File Import" button in the window that popped up.



A new file window will appear. Select the *870* file and click "Open."



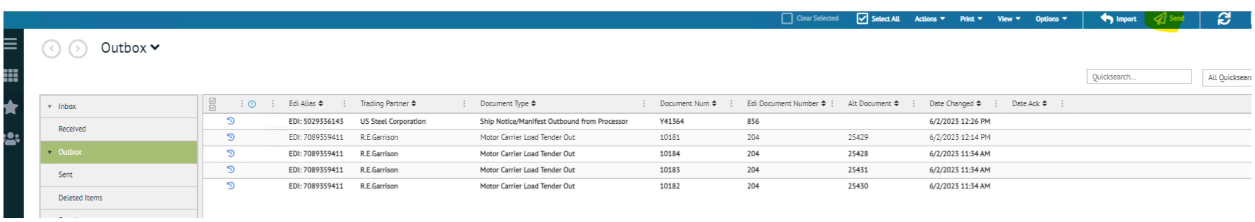
From here, you'll need to go into the *870* transaction and work with the customer as far as inputting the specific codes that's needed.



Fill in each required field to ensure this transaction is completed and ready to send.

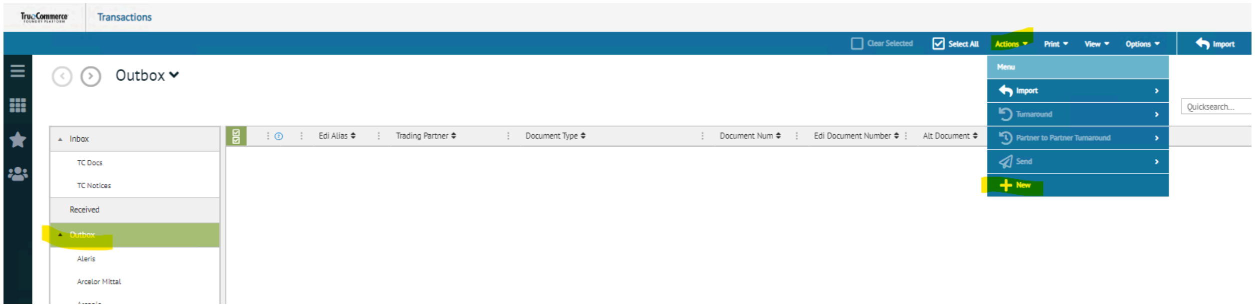
Once completed, click "Save & Close" at the top left.

Select the transaction you wish to send and click "Send" on the top ribbon.

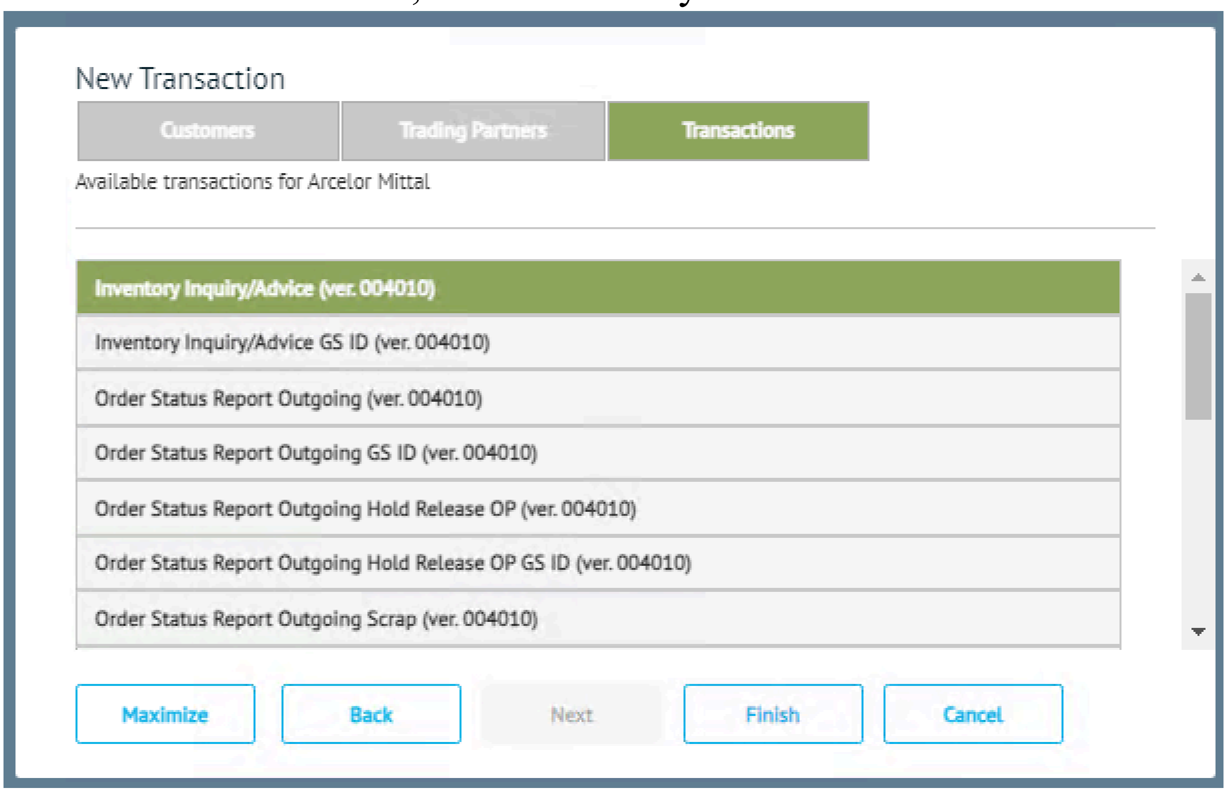


870's are very tricky because each customer is different and expects different codes, which we do not have access to. There is an alternative method to import this transaction, but requires all data to be manually entered. It will be up to you to work with the customer to fulfill their request. There are different types of this transaction, which the customer will have to provide which type they need.

You can find the different types of this transaction by going to the Outbox, selecting "Actions" at the top, and then clicking "New."



Select the EDI address the customer is under, followed by selecting the customer, and then finally the transaction.



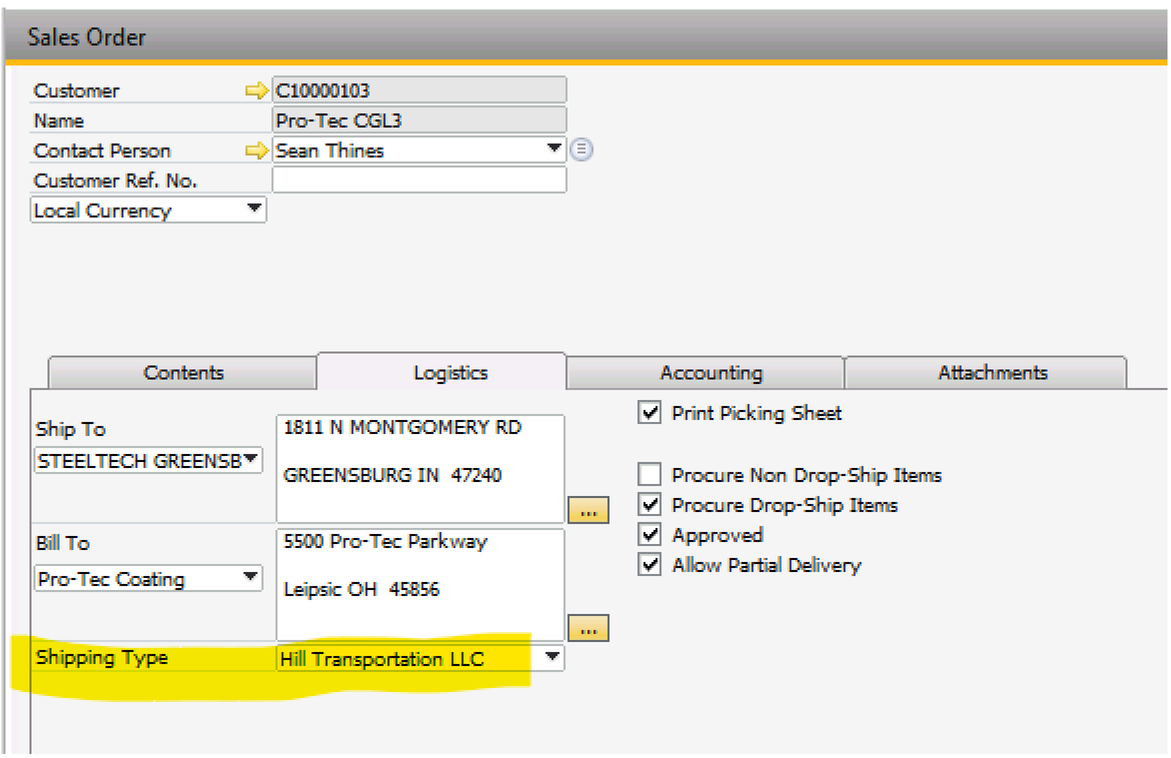
Since the EDI document codes are not listed, this is where you'll need to communicate with the customer on which type of *870* they specifically need.

❖ Outbound *204* – Tendering a load to Hill Transportation from SAP through Sales Orders

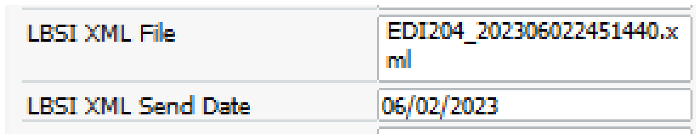
204's will only be needed when tendering loads to Hill Transportation. These will not be applied to any other carrier.

These are completely automated, but the only way to spawn a *204* is to select Hill Transportation as the carrier for loads created as Sales Orders in SAP.

Select "Hill Transportation" as the Shipping Type in the Logistics tab within the Sales Order.



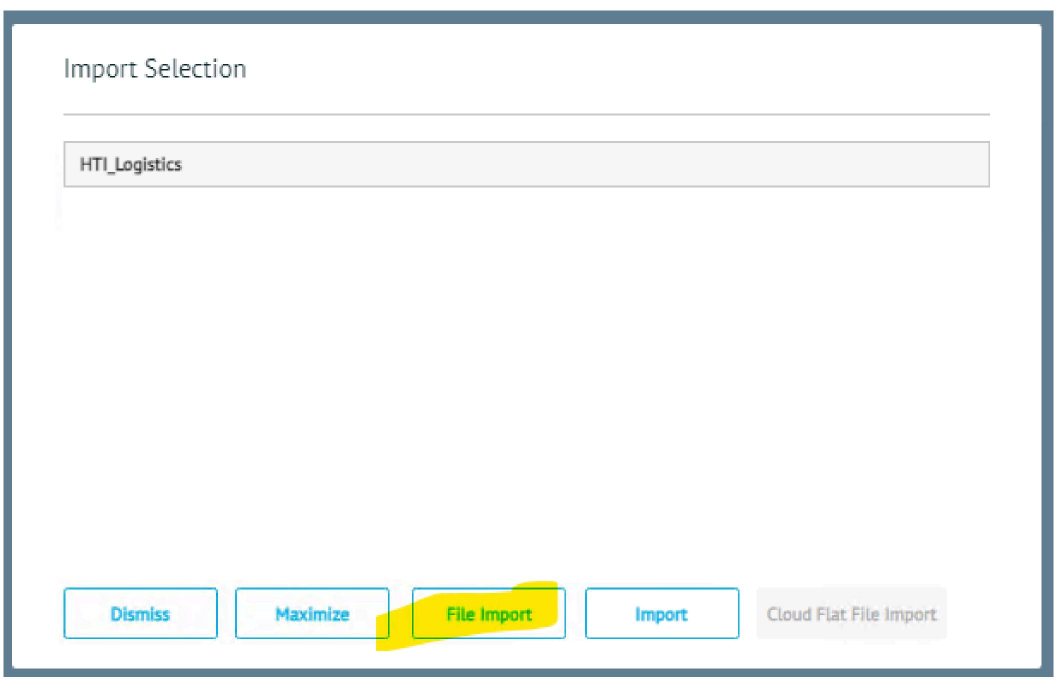
Once the Sales Order is added, you can confirm the *204* was generated by looking in the User Defined Fields in the Sales Order. If the "LBSI XML Files" & "LBSI XML Send Date" are filled, then the transaction was generated. Please note these fields could take up to 15 minutes before populating.



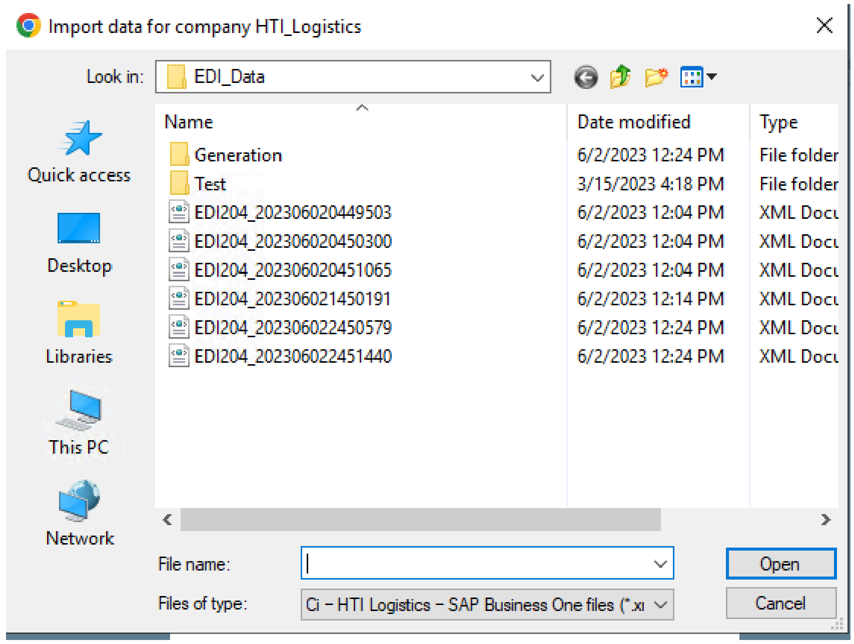
If the fields are blank, then double check to see if Hill Transportation is selected as the Shipping Type in the Sales Order. If they are not, then select them and click "Update" on the bottom left.

To re-generate a *204*, you will clear these two LBSI XML fields and click add.

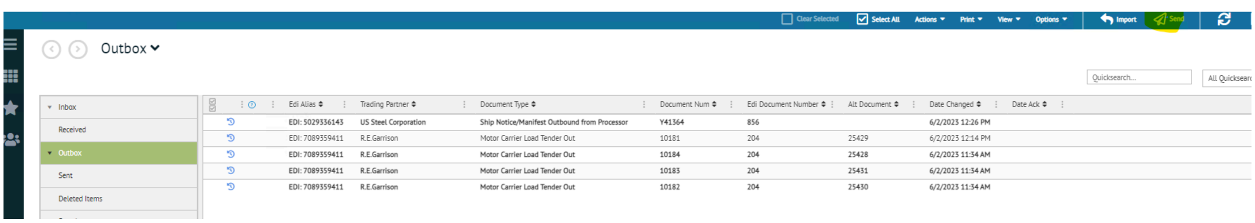
These transactions should automatically be imported in the EDI Outbox. If they don't, then go to the Outbox, select "Import" at the top right, then select the "File Import" button in the window that popped up.



A new file window will appear. Select the *204* file and click “Open.”



Select the transaction you wish to send and click “Send” on the top ribbon.

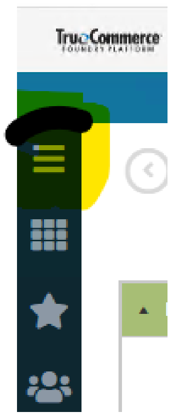


Support

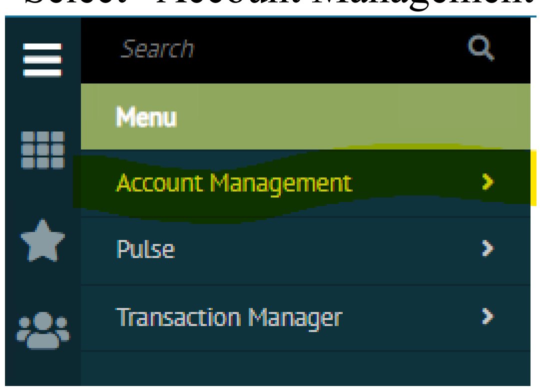
Prior to contacting any outsourced assistance, be sure to talk with your supervisor

Submitting an EDI Support Ticket

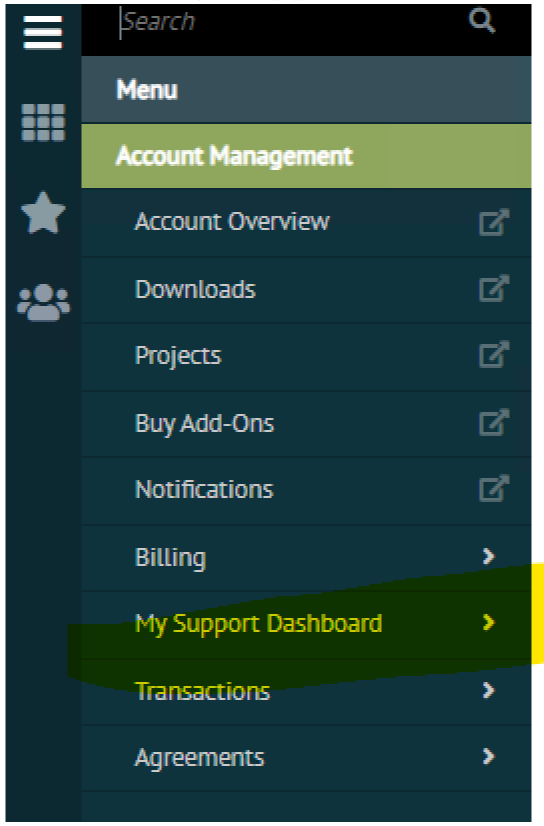
Click on the “hamburger” button in the top left corner:



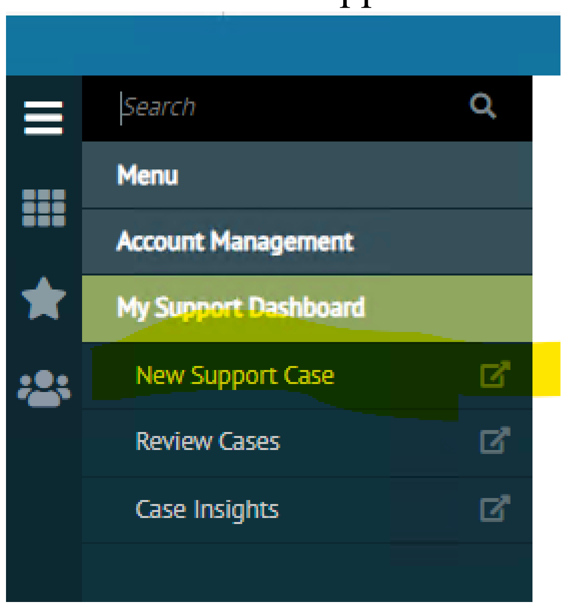
Select “Account Management”



Select "My Support Dashboard"



Select "New Support Case"



From here, simply follow the prompts that will guide you to submit a support case ticket.

Do not reach out to outsourced contacts without consulting with your supervisor first.

True Commerce EDI Contact:

Account Executive
Nicholas Plunkett
724-940-5520
Nicholas.Plunkett@truecommerce.com

Technical Support
Timothy Mient
888-430-4489 Option 3, then Option 2
Timothy.Mient@truecommerce.com

LBSI SAP Business One Contact:

Account Executive
Sheryl Nocera
440-846-8500 x121
Sheryl@lbsi.com

Technical Support
Ernie Klimek
440-846-8500 ext 133
Ernie@lbsi.com

Anthony Nalevanko
440-846-8500 x135
anthony@lbsi.com

Integration

Contact our Account Executive with True Commerce for all Integration Inquiries.

Partner	856 In	863 In	990 In	846 OUT	870 OUT	861 OUT	867 OUT	204 OUT	856 OUT Framework	Testing Priority list: Please enter 1 for 1st priority, 2 for 2nd priority, etc.	VAN communication method
R.E. Garrison (Hill Transportation)/McCleod	N	N	Y	N	N	N	N	Y	N	Complete	TrueCommerce AS2
Thyssen Krupp (AM/NS Calvert)	Y	Y	N	Y	N	Y	N	N	Y	Complete	ICC
Steel Tech	N	N	N	Y	Y	Y	N	N	Y	Complete	
U.S. Steel Corporation	Y	N	N	Y	Y	Y	Y	N	Y	Complete	FTP Trading Partner Hosted
Pro-Tec Coating (US Steel)	Y	N	N	Y	Y	Y	Y	N	Y	Complete	FTP Trading Partner Hosted
Pro-Tec CAL (US Steel)	Y	N	N	Y	Y	Y	Y	N	Y	Complete	FTP Trading Partner Hosted
Pro-Tec CGL3 (US Steel)	Y	N	N	Y	Y	Y	Y	N	Y	Complete	FTP Trading Partner Hosted
Middletown Works (Cleveland Cliffs) - AK Steel	N	N	N	N	N	N	N	N	N	N/A	GXS
Aleris (Commonwealth Rolled Products)	C	T	N	C	N	C	N	N	C	2	Covisint
Arcelor Mittal (Cleveland Cliffs) - Burns Harbor	Y	Y	N	Y	Y	Y	Y	N	Y	Complete	FTP Trading Partner Hosted
Arcelor Mittal (Cleveland Cliffs) - Indiana Harbor	Y	Y	N	Y	Y	Y	Y	N	Y	Complete	FTP Trading Partner Hosted
Arcelor Mittal (Cleveland Cliffs) - Kote	Y	Y	N	Y	Y	Y	Y	N	Y	Complete	FTP Trading Partner Hosted
MISA	C	C	N	C	N	Y	N	N	C	1	Peraton? Open Trac?