

Transmit to FedEx & UPS via NRG

Last Modified on 08/13/2025 10:49 pm EDT

This guide is intended for Duggal Visual Solutions general users specifically. Information herein may contain customizations and particulars specific to the Duggal aACE system. Click this [link](https://aace5.knowledgeowl.com/help) (<https://aace5.knowledgeowl.com/help>) for the General aACE Software aACE 5 Knowledge Base.

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NRG

NRG is a Multi-Carrier Shipping software built in FileMaker for UPS, FedEx, USPS and LTL Freight. NRG allows automation of shipping and rate retrieval to the user at the time of order. NRG also provides visibility to shipment statuses within the aACE and other FileMaker based systems.

Get Rates and the Shipping Cost Field

The user can select a UPS or FedEx **Courier Service** and Save the Shipment in a **Pending** State without Transmitting to NRG. By doing this, a **Get Rates icon** appears next to the Shipping Cost field. Clicking this **icon** will populate the Shipping Cost field with the rate appropriate to the **Courier Service, Package Type, Dimensions (in) and Weight (lbs)** fields.

The screenshot shows the 'aACE' software interface for a shipment record. At the top, it displays 'Record: 1 of 1' and navigation icons. The main header includes 'Shipment: 89604', 'Matthew Pelfrey', and the date '5/28/2019', with a 'PENDING' status indicator. Below this, there are tabs for 'Outgoing Shipment', 'Notices', 'Emails', and 'Docs'. The form is divided into several sections: 'Shipped To' (Company: Matthew Pelfrey, Value: 0.00), 'Shipment Info' (Courier Service: FedEx Ground, Shipping Cost: 0.00, Package Type: Your Packaging, Dimensions: 12x12x12, Weight: 2, Delivery Date: 05/28/19), and 'Description'. A 'Packing List' table is visible at the bottom, showing columns for Line Item Code, Description, Order, Purchase Order, Exp Qty, Quantity, Weight, and Ref #(s).

The Get Rates icon only works for NRG-related shipping (FedEx and UPS). But, the cost field can be manually entered for all Courier types. Quote Freight shipments can be recorded in this way. If the Pricing logic for that carrier is based off cost, this field will NEED to be populated for accurate pricing to be relayed to the Order.

This screenshot is identical to the one above, but the 'Shipping Cost' field in the 'Shipment Info' section is now populated with the value '8.42'. A red circle highlights this field, indicating that the cost has been manually entered.

Transmit a Shipment to NRG

NRG is activated for an aACE Shipment when a UPS or FedEx **Courier Service** is selected and the Shipment is "**Transmitted**" to NRG. Transmitting a Shipment to NRG will generate a shipping record in NRG to be actually sent to the UPS and FedEx systems by the Shipping Department. Labels can also be generated from NRG.

Record: 1 of 1

New + Edit Delete x Print Actions

Shipment: 89604 Matthew Pelfrey 5/28/2019 PENDING

Outgoing Shipment Notices Emails Docs

Shipped To Residential

Company > Contact >

Matthew Pelfrey

Shipping Terms FOB Value 0.00

Order > Purchase Order > Invoice >

666282

Shipment Info Purchased

Courier Service **FedEx Ground** Courier Account # Shipping Cost 0.00

Package Type L W H Weight 0 x 0 x 0 0

Courier Tracking # Delivery Date 05/28/19

Description

Package IDs

Packing List

Line	Item Code	Description	Quantity	Weight	Ref #(s)
1	CANVAS	Canvas Creations	1	0	#s

Message: Transmit this shipment?

Cancel Transmit

Marking a Shipment "Shipped" will lock all fields in the Shipment. It is important to get all fields populated before marking a Shipment Shipped.

When Saving a Shipment, a pop-up window appears asking if you wish to **Transmit the shipment?** If ready to send to the Shipping Dept to action, click **Transmit**. If not ready, clicking **Cancel** will save the Shipment in a Pending State.

Record: 1 of 1

New + Edit Delete x Print Actions

Shipment: 89604 Matthew Pelfrey 5/28/2019 PENDING

Outgoing Shipment Notices Emails Docs

Shipped To Residential

Company > Contact >

Matthew Pelfrey

Shipping Terms FOB Value 0.00

Order > Purchase Order > Invoice >

666282

Shipment Info Purchased

Courier Service FedEx Ground Courier Account # Shipping Cost 0.00

Package Type **Your Packaging** L W H Weight 12 x 12 x 12 2

Courier Tracking # Delivery Date 05/28/19

Description

Package IDs

Packing List

Line	Item Code	Description	Quantity	Weight	Ref #(s)
1	CANVAS	Canvas Creations	1	0	#s

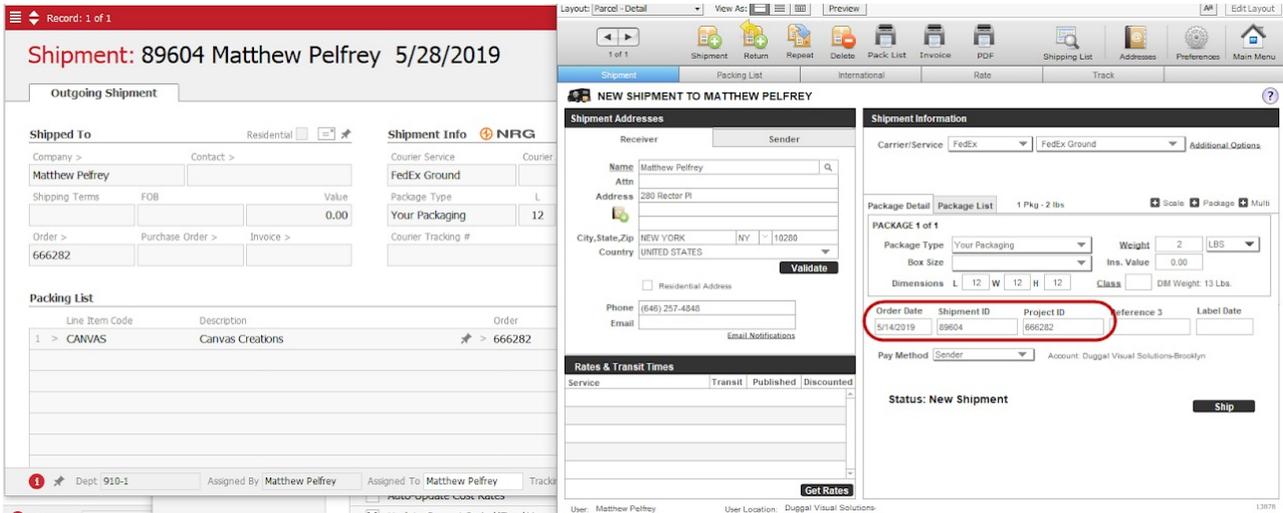
Message: Transmit this shipment?

Cancel Transmit

Upon Transmitting, the Shipment is added to a queue that is processed via an Automation Schedule set up in aACE.

Accessing the Transmitted NRG record

Clicking the **NRG** icon will open a new window displaying the related NRG record. The Record shows the Shipment number and related Order number.



If characteristics of the **Shipment** have changed, the **NRG** record may be edited, but edits in **NRG** will NOT transfer back to aACE.

The **Get Rates** button will re-calculate rates for different courier options.

1 of 148 Shipment Return Repeat Delete Pack List Invoice PDF Shipping List Addresses Preferences Main Menu

Shipment Packing List International Rate Track

NEW SHIPMENT TO MATTHEW PELFREY

Shipment Addresses

Receiver Sender

Name: MATTHEW PELFREY

Attn:

Address: 280 RECTOR PL

City, State, Zip: NEW YORK NY 10280-1137

Country: UNITED STATES

Valid, Residential Residential Address

Phone: (646) 257-4848

Email:

[Email Notifications](#)

Validate

Rates & Transit Times

Service	Transit	Published	Discounted
FedEx Ground®	1	11.88	8.42
FedEx Express Saver®	3	25.27	12.20
FedEx 2Day®	2	27.71	13.82
FedEx 2Day® A.M.	2	29.35	15.25
FedEx Standard Overnight®	1	45.02	16.54

Get Rates

Shipment Information

Carrier/Service: FedEx FedEx Ground [Additional Options](#)

Package Detail Package List 1 Pkg - 2 lbs [Scale](#) [Package](#) [Multi](#)

Package	Description	Dimensions	Weight	Value
#1	Your Packaging	12 x 12 x 12	2 LBS	\$0.00

Order Date: 5/14/2019 Shipment ID: 89604 Project ID: 666282 Reference 3: Label Date:

Pay Method: Sender Account: Duggal Visual Solutions-Brooklyn

Status: New Shipment **Ship**

User: Matthew Pelfrey User Location: Duggal Visual Solutions- 13878

Shipment Packing List International Rate Track

SHIPMENT TO MATTHEW PELFREY

Shipment Addresses

Receiver Sender

Name: MATTHEW PELFREY

Attn:

Address: 280 RECTOR PL

City, State, Zip: NEW YORK NY 10280-1137

Country: UNITED STATES

Valid, Residential Residential Address

Phone: (646) 257-4848

Email:

[Email Notifications](#)

Validate

Rates & Transit Times

Service	Transit	Published	Discounted
FedEx Ground®	1	11.88	8.42
FedEx Express Saver®	3	25.27	12.20
FedEx 2Day®	2	27.71	13.82
FedEx 2Day® A.M.	2	29.35	15.25
FedEx Standard Overnight®	1	45.02	16.54

Get Rates

Shipment Information

Carrier/Service: FedEx FedEx Ground [Additional Options](#)

Package Detail Package List 1 Pkg - 2 lbs [Scale](#) [Package](#) [Multi](#)

PACKAGE 1 of 1

Package Type: Package Weight: 2 LBS

Box Size: Ins. Value: 0.00

Dimensions: L 12 W 12 H 12 Class: DIM Weight: 13 Lbs.

Order Date: 5/14/2019 Shipment ID: 89604 Project ID: 666282 Reference 3: Label Date:

Pay Method: Sender Account: Duggal Visual Solutions-Brooklyn

Status: Shipped

Tracking Number: 787527889946

Ship Date: 5/28/2019

Billed Weight: 11.00

Published Rate: 15.96

Discounted Rate: 12.50

Adjusted Rate:

Third Party Inc:

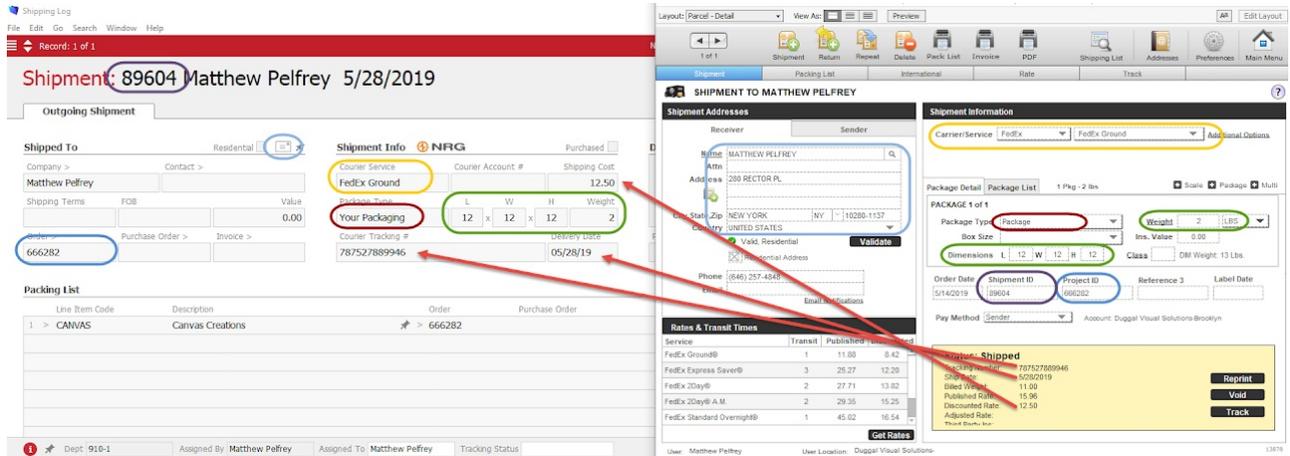
Reprint **Void** **Track**

User: Matthew Pelfrey User Location: Duggal Visual Solutions- 13878

aACE Fields and Corresponding NRG Fields

All other relevant information from the aACE **Shipment** populates the new **NRG** record.

Once the **NRG** shipment is **Shipped**, the aACE Shipment is marked **Shipped**, the **Tracking Status** is blanked, the **Courier Tracking #** and **Ship Date** are populated.



See the [FedEx and UPS Integration](#) article for more information on navigating the NRG window.