

# Transmit to FedEx & UPS via NRG

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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.

Record: 1 of 1 New Edit Delete 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 Courier Account # Shipping Cost

FedEx Ground 0.00

Package Type L W H Weight

Your Packaging 12 x 12 x 12 2

Courier Tracking # Delivery Date

05/28/19

**Description**

Package IDs

**Packing List**

Line Item Code	Description	Order	Purchase Order	Exp Qty	Quantity	Weight	Ref #(s)
1	CARTRIDGE	666282			1	0.00	

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.

Record: 1 of 1 New Edit Delete 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 Courier Account # Shipping Cost

FedEx Ground 8.42

Package Type L W H Weight

Your Packaging 12 x 12 x 12 2

Courier Tracking # Delivery Date

05/28/19

**Description**

Package IDs

## 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 > 666282 Purchase Order > Invoice >

**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

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 > 666282 Purchase Order > Invoice >

**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

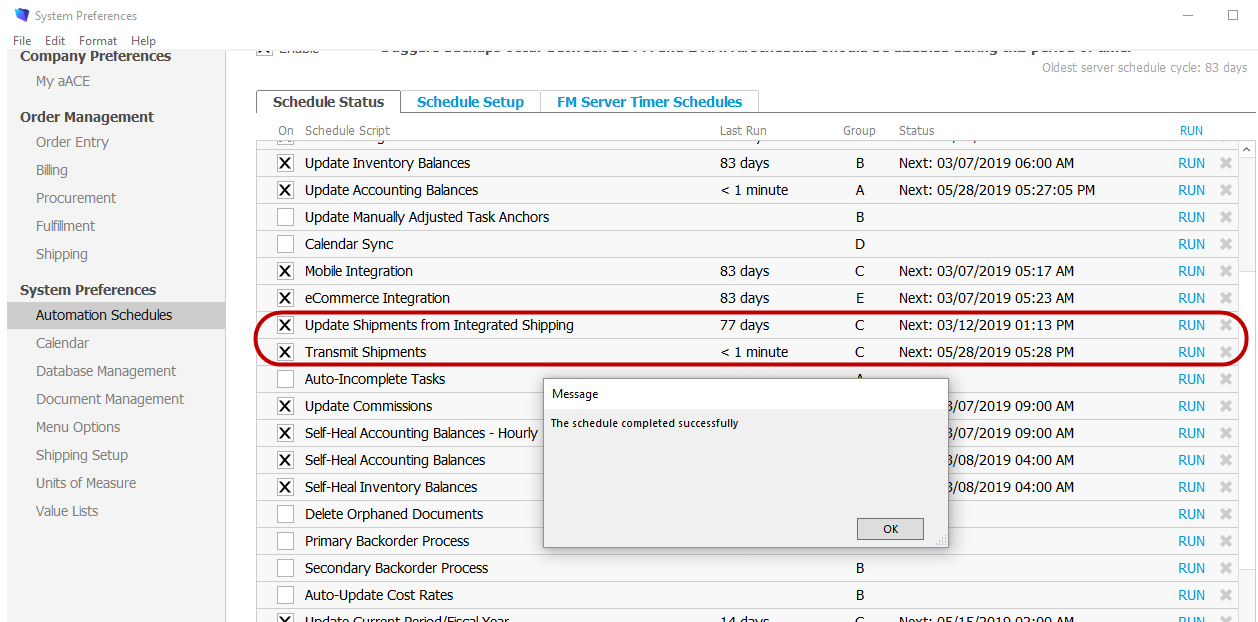
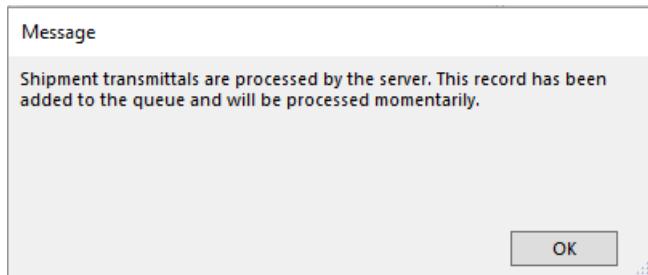
**Packing List**

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

Transmit this shipment?

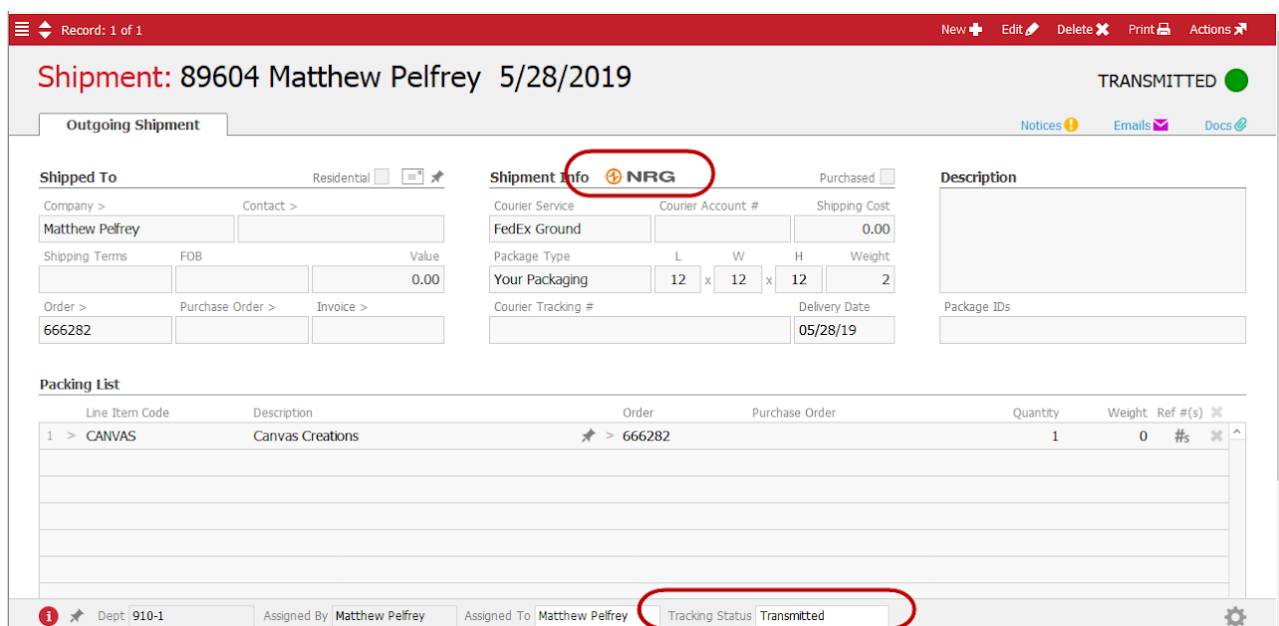
Cancel Transmit

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



## Shipment Status and Tracking Status

Once a Shipment is Transmitted, an **NRG** icon appears, the **Shipment Status** changes to **TRANSMITTED**, and the **Tracking Status** changes to "Transmitted".



## 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.

The screenshot displays two overlapping windows from the aACE software. The background window, titled "Record: 1 of 1", shows a shipment record for "Shipment: 89604 Matthew Pelfrey 5/28/2019". It includes fields for "Shipped To" (Matthew Pelfrey), "Shipment Info" (FedEx Ground, Your Packaging, 12), and a "Packing List" table with one item: "CANVAS" (Canvas Creations, Order 666282). The foreground window, titled "NEW SHIPMENT TO MATTHEW PELFREY", is a form for creating a new shipment. It contains sections for "Shipment Addresses" (Receiver: Matthew Pelfrey, 280 Recton Pl, NEW YORK, NY 10280), "Shipment Information" (Carrier/Service: FedEx Ground, Package 1 of 1: Your Packaging, Weight: 2 LBS), and "Rates & Transit Times". A red rectangle highlights the "Order Date" (5/14/2019), "Shipment ID" (89604), and "Project ID" (666282) fields in the "Shipment Information" section. The "Status" is "New Shipment" and the "Pay Method" is "Sender".

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

**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   Validate

Residential Address

Phone: (646) 257-4848

Email:

Email Notifications

**Shipment Information**

Carrier/Service: FedEx   FedEx Ground   Additional Options

Package Detail   Package List   1 Pkg - 2 lbs   Scale   Package   Multi

Package	Description	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

**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   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   Validate

Residential Address

Phone: (646) 257-4848

Email:

Email Notifications

**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

**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**

## 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.

The image displays two screenshots of a shipping software interface, likely aACE, showing shipment details and tracking information.

**Left Screenshot (Shipping Log):**

- Shipment:** 89604 Matthew Pelfrey 5/28/2019
- Outgoing Shipment**
- Shipped To:** Residential (selected), Company: Matthew Pelfrey, Contact: >
- Shipment Info:** NRG, Counter Service: FedEx Ground, Shipping Cost: 12.50
- Package Details:** Dimensions: 12 x 12 x 12, Weight: 2
- Tracking Info:** Courier Tracking #: 787527889946, Delivery Date: 05/28/19
- Packing List:** Line Item Code: 1, Description: CANVAS, Order: 666282

**Right Screenshot (SHIPMENT TO MATTHEW PELFREY):**

- Shipment Addresses:** Receiver: MATTHEW PELFREY, Address: 289 RECTOR PL, NEW YORK, NY 10020-1137
- Shipment Information:** Carrier/Service: FedEx, FedEx Ground
- Package Details:** Package Type: Package, Box Size: 12 x 12 x 12, Weight: 2, Ins. Value: 0.00, Class: DM Weight 13 Lbs.
- Order Info:** Order Date: 5/14/2019, Shipment ID: 89604, Project ID: 066282, Reference 3: >
- Pay Method:** Sender, Account: Duggal Visual Solutions/Brooklyn
- Status:** Shipped
- Tracking Info:** Tracking #: 787527889946, Ship Date: 5/28/2019, Billed Weight: 11.00, Published Rate: 15.96, Discounted Rate: 12.50, Adjusted Rate: >

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