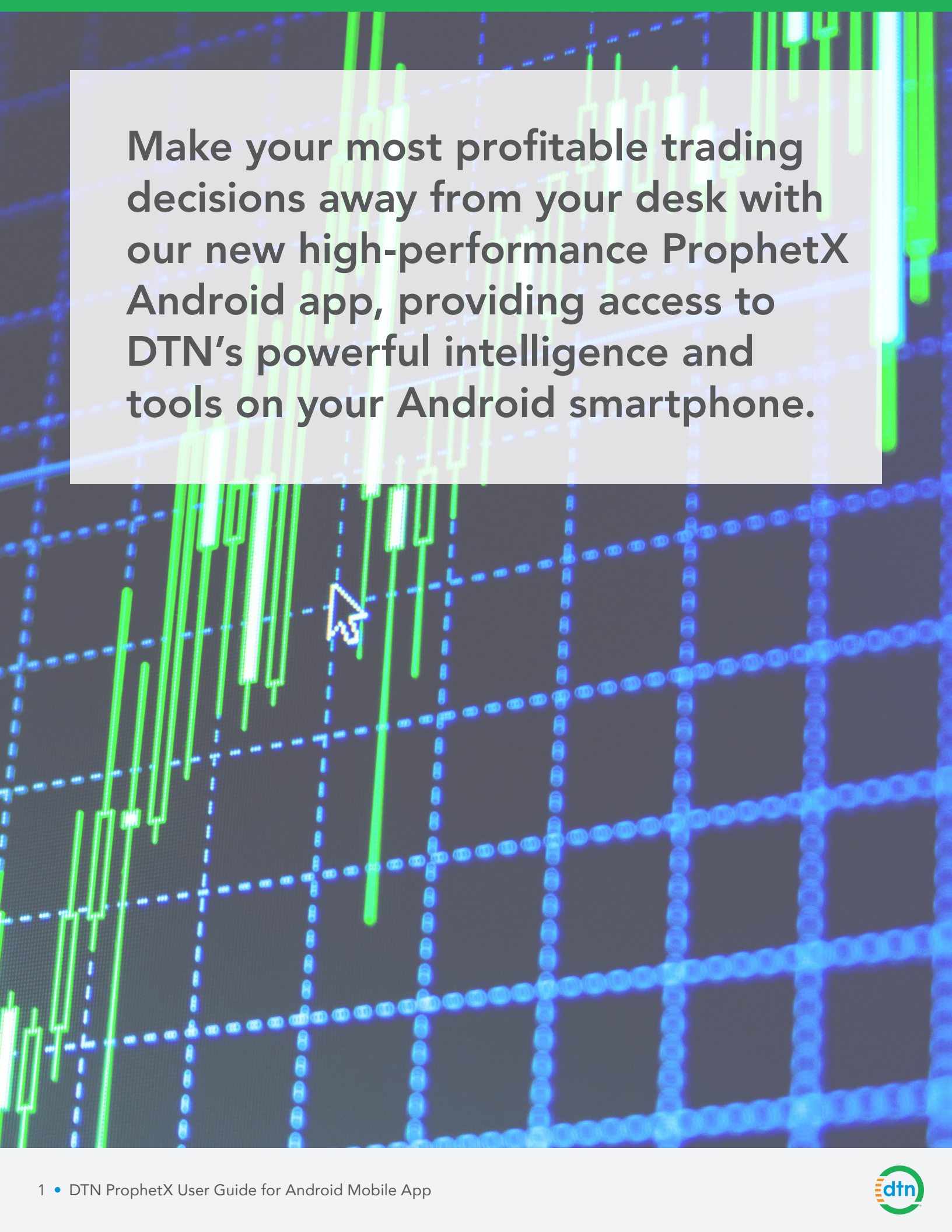# DTN ProphetX®

## User Guide for Android Mobile App

October 2017

**User Guide**

Make your most profitable trading decisions away from your desk with our new high-performance ProphetX Android app, providing access to DTN's powerful intelligence and tools on your Android smartphone.

android

Now, anytime, anywhere, you can monitor and manage the markets using the power of DTN ProphetX.

With the new DTN ProphetX app for Android, you can access a broad range of real-time market and benchmark data – including quotes, charts, and news – in an easy-to-use, mobile environment.

- Quick dashboard display

- Personalized quote list

- Extensive charting

- Broad range of market coverage

- Unique, unbiased insights

# Table of Contents

ProphetX Android Mobile App User Guide

**NOTE: This user guide refers to use of the ProphetX app on any Android smartphone. The ProphetX app is not available on Android tablets.**

# A. App Compatibility – Device & OS

The ProphetX Android mobile app for smartphones has the following device and operating system compatibility requirements:

| Device | OS |
|---|---|
| (Any Android Smartphone) | Supported Versions:<br>• Lollipop 5.0 – 5.1.1<br>• Marshmallow 6.0 – 6.0.1<br>• Nougat 7.0 – 7.1.2<br>• Oreo 8.0 |

**NOTE: This user guide refers to use of the ProphetX app on any Android smartphone. The ProphetX app is not available on Android tablets.**
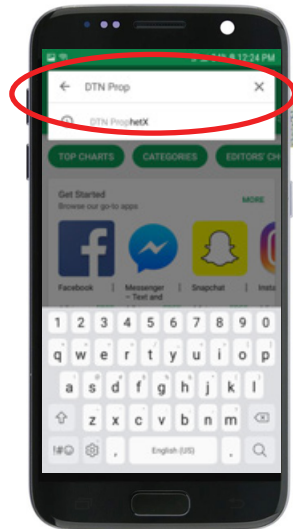
# B. Installing and Updating the ProphetX App

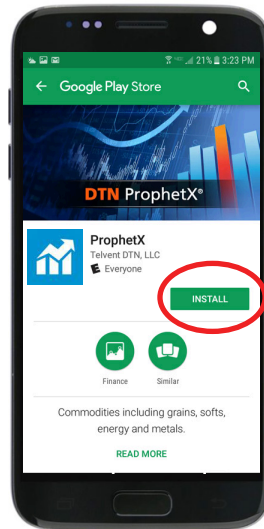The steps to install or update the ProphetX Android mobile app are:
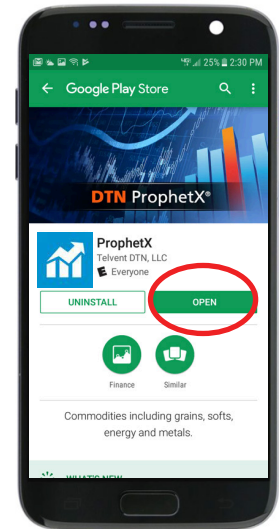
## New app intstallation



1. Visit the "Play Store"

2. Search for "DTN ProphetX"

3. Tap "Install"

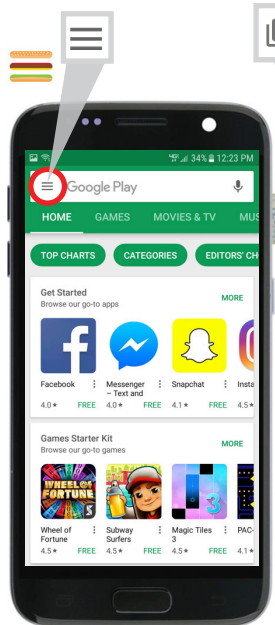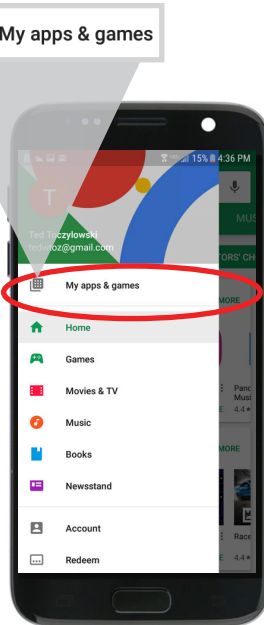4. Tap "Open"

## App update


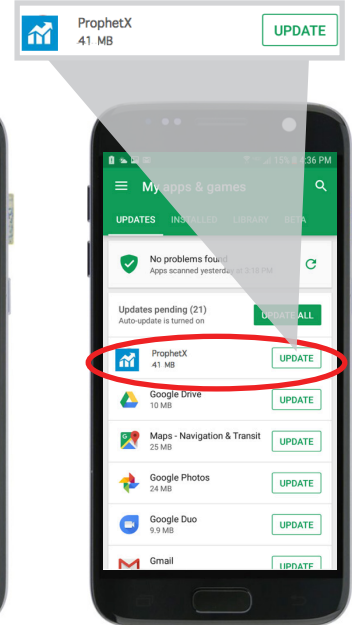
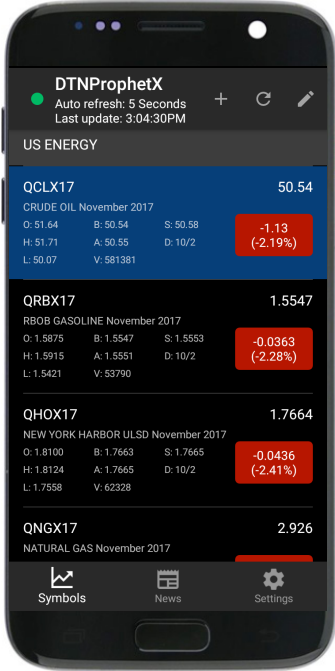1. Visit the "Play Store"

2. Tap the "hamburger" icon on next to the search field

3. ap "My apps & games"

4. Check for a ProphetX update and tap "Update"
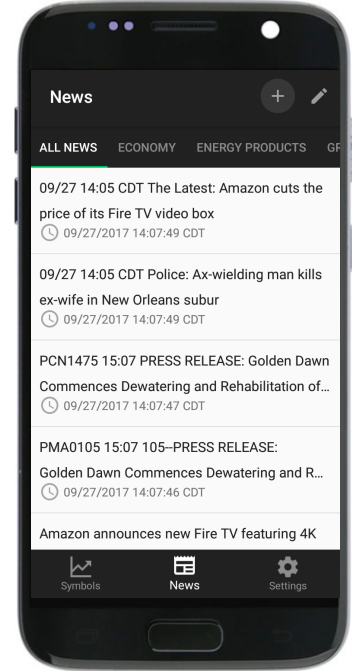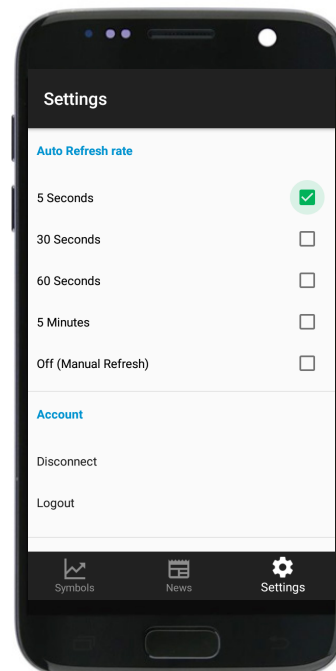
# C. App Layout | ProphetX Android

### Quotes

**DTNProphetX**
Auto refresh: 5 Seconds
Last update: 3:04:30PM

US ENERGY

**QCLX17**     50.54
CRUDE OIL November 2017
| O: 51.64 | B: 50.54 | S: 50.58 |
| H: 51.71 | A: 50.55 | D: 10/2 |
| L: 50.07 | V: 581381 | |
**-1.13 (-2.19%)**

**QRBX17**     1.5547
RBOB GASOLINE November 2017
| O: 1.5875 | B: 1.5547 | S: 1.5553 |
| H: 1.5915 | A: 1.5551 | D: 10/2 |
| L: 1.5421 | V: 53790 | |
**-0.0363 (-2.28%)**

**QHOX17**     1.7664
NEW YORK HARBOR ULSD November 2017
| O: 1.8100 | B: 1.7663 | S: 1.7665 |
| H: 1.8124 | A: 1.7665 | D: 10/2 |
| L: 1.7558 | V: 62328 | |
**-0.0436 (-2.41%)**

**QNGX17**     2.926
NATURAL GAS November 2017

Symbols    News    Settings

### Charts

**CORN December 2017**
@CZ17   L:352'2   -1'4(-0.42%)

5 MIN   30 MIN   **60 MIN**   DAY   WEEK

| Open: | 3526 | Bid: | 352'0 |
| High: | 3554 | Ask: | 352'0 |
| Low: | 3514 | Volume: | 155862 |
| Settle: | 3522 | Date: | 9/26 |

Related News

### News

**News**

**ALL NEWS**   ECONOMY   ENERGY PRODUCTS   GF

09/27 14:05 CDT The Latest: Amazon cuts the price of its Fire TV video box
09/27/2017 14:07:49 CDT

09/27 14:05 CDT Police: Ax-wielding man kills ex-wife in New Orleans subur
09/27/2017 14:07:49 CDT

PCN1475 15:07 PRESS RELEASE: Golden Dawn Commences Dewatering and Rehabilitation of...
09/27/2017 14:07:47 CDT

PMA0105 15:07 105--PRESS RELEASE: Golden Dawn Commences Dewatering and R...
09/27/2017 14:07:46 CDT

Amazon announces new Fire TV featuring 4K

Symbols    News    Settings

### Login

**DTN ProphetX®**

Username
charles.smith@abc.com

Password
•••••••••

☑ Remember Password

**LOGIN**

Version 0.0.1   |   Support

### Settings

**Settings**

**Auto Refresh rate**

5 Seconds   ☑

30 Seconds   ☐

60 Seconds   ☐

5 Minutes   ☐

Off (Manual Refresh)   ☐

**Account**

Disconnect

Logout

Symbols    News    Settings

# D. Login, Connectivity, & Settings

## Login & Password | "Remember Password"



- After installing the ProphetX Android app on your device, you may login to the app using the identical username and password you use for the ProphetX desktop application.

- To avoid being required to enter a username and password each time you access the ProphetX Android app, you may choose to allow the app to remember your password.

(Yes) ☐ Remember Password

OR

(No) ☑ Remember Password

- The checkbox for remembering your password is located immediately below the password field. When this box is checked, the app will automatically launch without requiring you to reenter your login and password.

- This setting can be changed at any time by logging out of the app through settings and returning to the login screen.
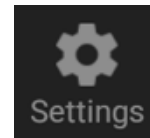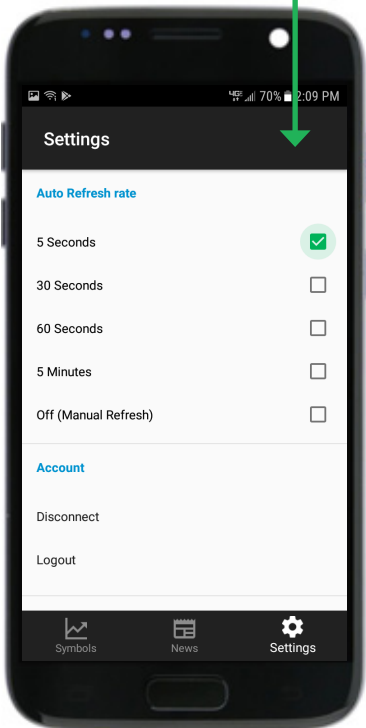
# D. Login, Connectivity, & Settings

## Staying Connected | Managing Settings



- Once logged in, your Quote List will be displayed and a green circle at the top left of the page will be displayed. The green circle indicates you are "connected" to the app while red would indicate you are "disconnected" from the app.

- To access the app's **"Settings"**, you may tap the **"Settings"** icon in the bottom right corner of the screen.
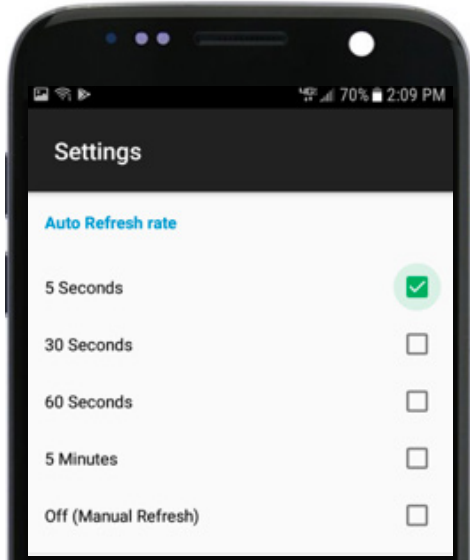
Connected = 🟢      Disconnected = 🔴



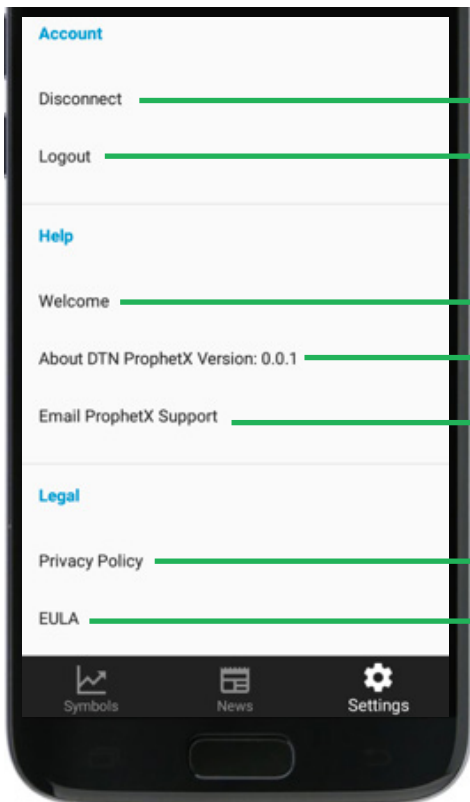- Tapping this icon displays the **"Settings"** page.

# D. Login, Connectivity, & Settings

## Settings Layout

The app's settings provide you with basic information about the app and provides you with a number of elementary features.

Allows you to select the rate at which you prefer to have your quote list's symbol pricing information updated during market hours

Allows you to "Connect," "Disconnect" based on your connectivity status

Will log you out and return you to login screen

Provides basic user guide for the app

Displays company and app details

Creates email template to ProphetX Customer Service for reporting app issues

DTN's privacy policy and terms of use

End User License Agreement

# E. Cloud Storage

## Storing Data in the Cloud

If you would like the ProphetX Quote List and News search listing on your Android smartphone to be stored on Google Drive (cloud), linking your Google account to your ProphetX app is the way to do so.

The alternative storage option would be to use your smartphone for storage (*"local data"* or *"local to your device"*).

Upon logging in to the app for the 1st time on your smartphone, the following messages will be displayed to guide you through the process:
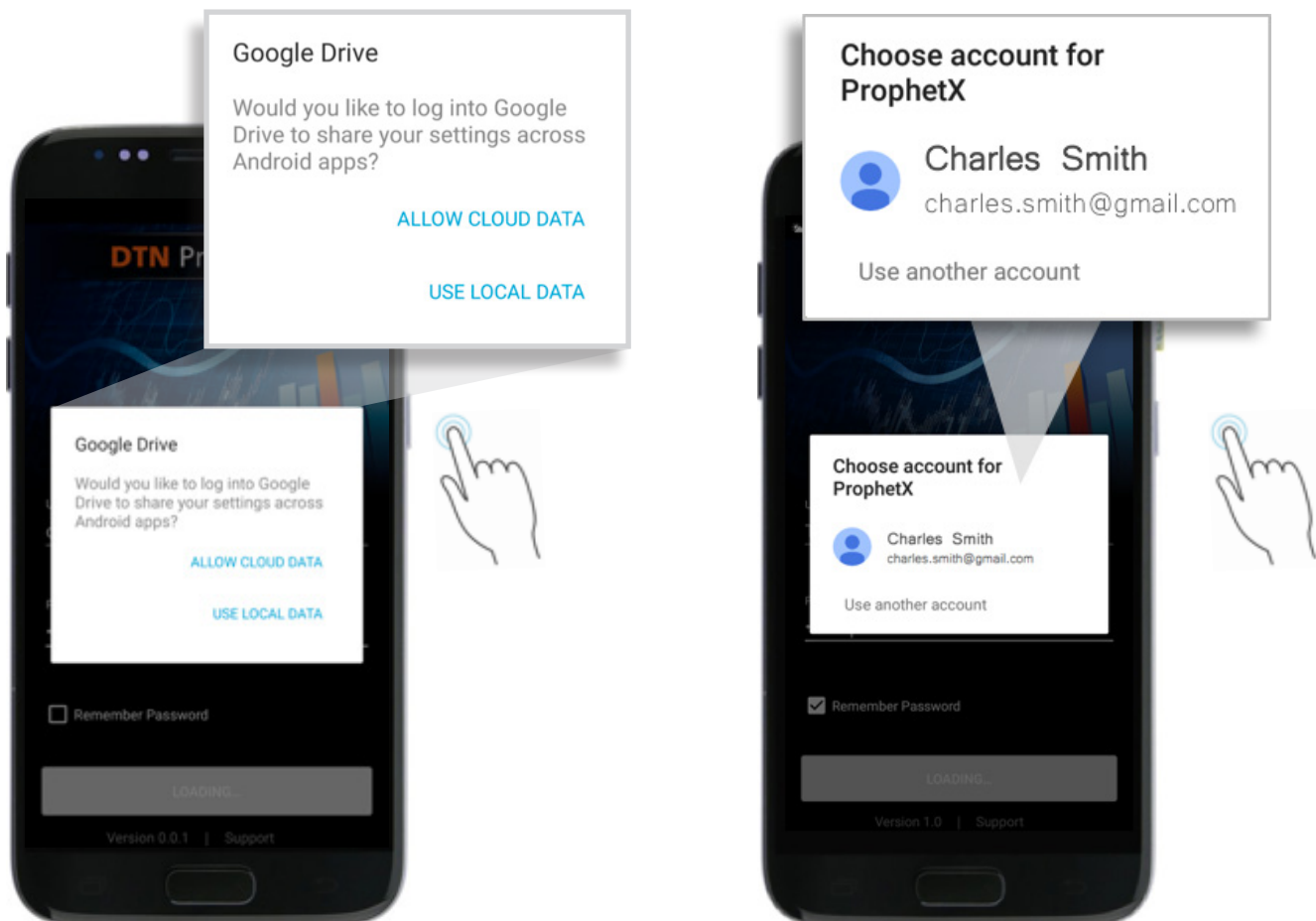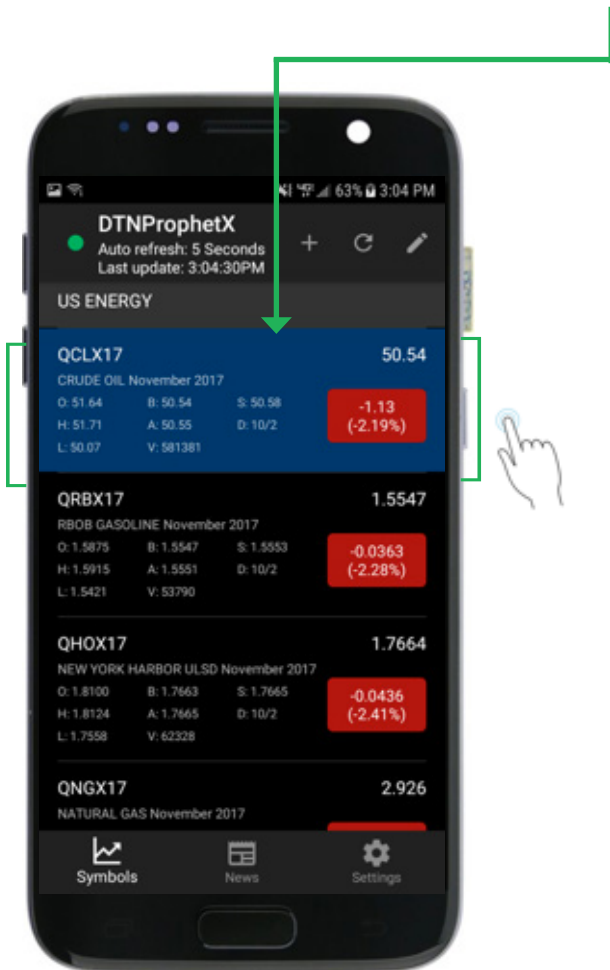
# F. Quotes

## Quote List Basics

The Quote List page is the "hub" of the ProphetX Android app. The data and content associated with charts and news delivered is based directly on the individual symbol or spread selected or highlighted within your quote list.



- The Quote List will be the first page displayed to you upon logging in to the ProphetX Android app.

- You may **add** symbols, spreads, and quote labels by tapping the "+" icon. You are allowed to store a maximum of 100 symbols, spreads, and/or labels in your Quote List.

- You may **remove** symbols and spreads directly from the quote list by tapping the pencil icon or by sliding an individual symbol line item to the left.

- You may also **re-order** the sequence of the symbols and spreads in your Quote List by tapping the pencil icon.

# F. Quotes

## Quote List Layout

App Connectivity Status

Auto Refresh frequency & most recent market update time stamp

Icon to tap to add symbol, spread, or label

Icon to tap to refresh quote list

Icon to tap to reorder or remove symbols, spreads, and labels

*(User-defined label)*

Individual symbol quote data (see pg. 13 for additional detail)

User-defined spread

Tap, hold, **and** drag this icon to reorder the symbol, spread, or label above or below others.

Tap to "Move to Trash"

**DTNProphetX**
Auto refresh: 5 Seconds
Last update: 3:35:16PM

US AG

@CZ17                                 351'4
CORN December 2017
O: 354'6      B: 351'0      S: 351'4          -3'6
H: 356'2      A: 351'0      D: 10/2        (-1.06%)
L: 351'0      V: 171081

(QGC@2-QGC@1)                         1.6
GOLD November 2017 - GOLD October 2017
O: -4.3       B: 1.4                           0.4
H: 4.0        A: 1.5                        (33.33%)
L: -4.3       V: —

@WZ17                                 444'6
WHEAT December 2017
O: 446'4      B: 444'6      S: 444'6          -3'4
H: 448'4      A: 444'6      D: 10/2        (-0.78%)
L: 439'4      V: 73885

@KWZ17                                439'2
HARD RED WINTER WHEAT December 2017

Symbols        News        Settings

@MWZ17
HARD RED SPRING WHEAT December 2017

@SX17
SOYBEANS November 2017

@SMV17
SOYBEAN MEAL October 2017

# F. Quotes

## Quote Details & Descriptions



The field labels for the real-time market data associated with an individual symbol is abbreviated as a result of limited space available on a smartphone.

The abbreviations for these field labels are described below:



@CZ17                                    351'4

CORN December 2017

O: 354'6        B: 351'0        S: 351'4

H: 356'2        A: 351'0        D: 10/2          -3'6
                                                (-1.06%)
L: 351'0        V: 171081



[Symbol]                                    [Current Price]
[Symbol Description]
O = [Open Price]  B = [Bid]        S = [Settle]
H = [High]            A = [Ask]        D = [Date
 L = [Low]             V = [Volume]        Settled]

[Price Delta from
Open Price]
Price ↑          Price ↓
[%age Delta from
Open Price]

# F. Quotes

## Creating Your Quote List & Keyword Symbol Search



To build your Quote List in the ProphetX Android app, tap the "+" icon in the top right hand of the Quote List page.

- A menu will appear offering you 3 options to choose from.

- Tap "**Symbol**" and you will be directed to the search field and the symbol categories.

- If you know the exact symbol name, you may enter it in the "**Search**" field. Or, you may search for a symbol by <u>first</u> selecting a category and entering a keyword within that category.

- You may then add a symbol to your quote list by simply tapping on the symbol you have located.

**Example:** Keyword Search, "New York Harbor – Biodiesel" Added to Quote List
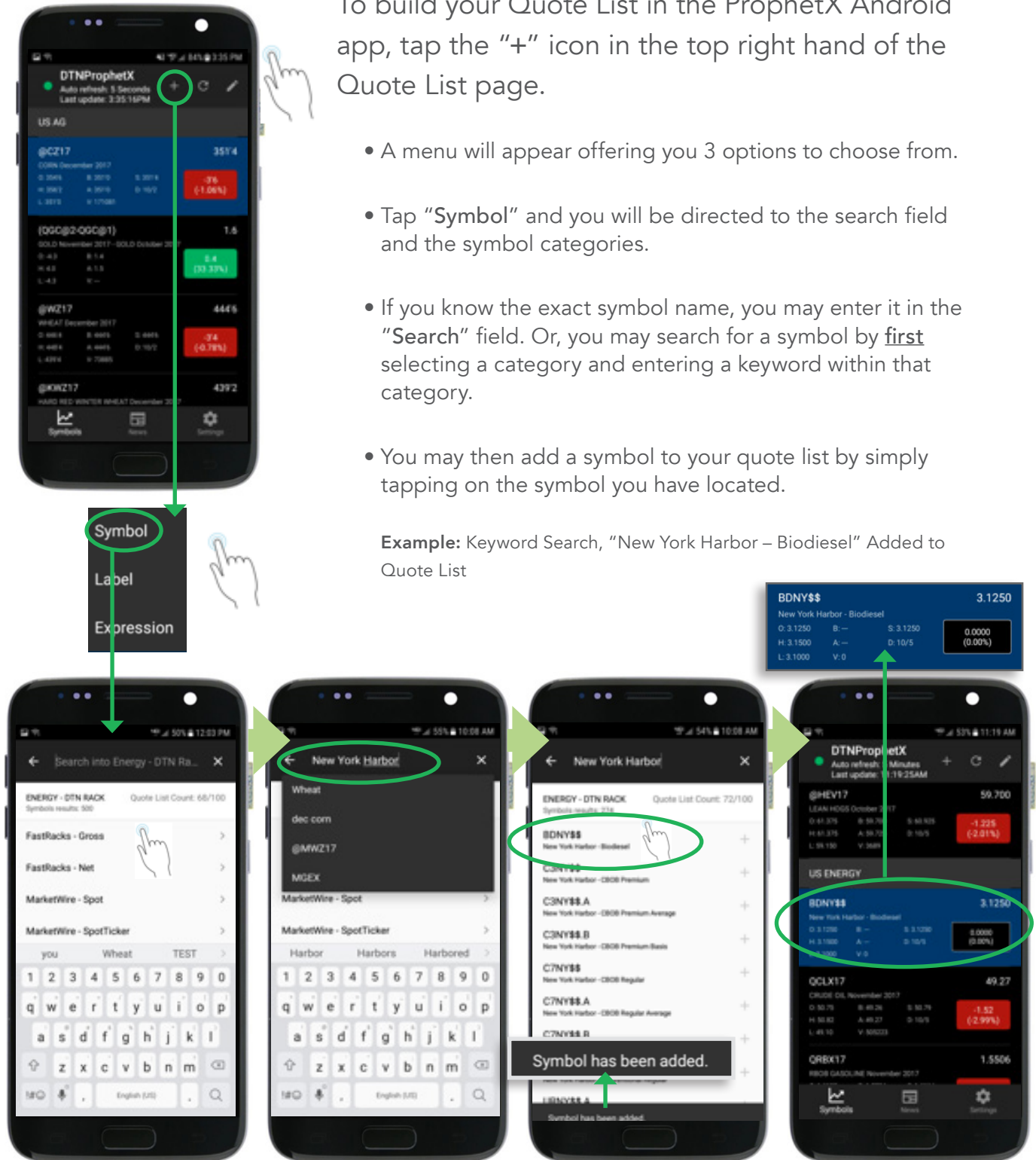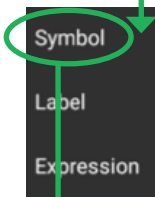
# F. Quotes

## Creating Your Quote List & Drill-Down Symbol Search
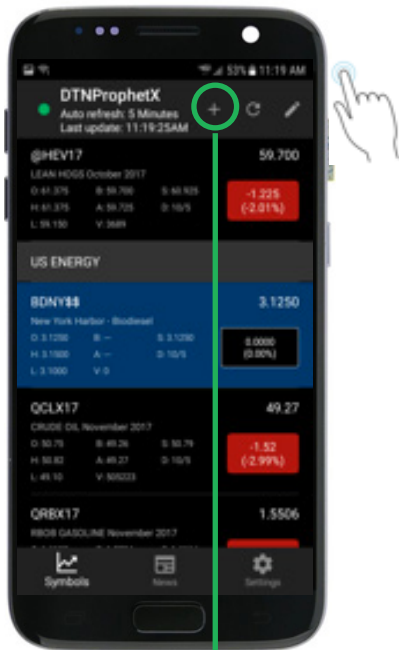


Alternatively, if you are not familiar with the title of the exact symbol you would like to add to your Quote List, you can find it by drilling down through a set of relevant categories.

- For example, you would like to find the current cash grain price for corn at a grain elevator in <u>Burlington, KS</u>.

- Tap the "+" icon at in the top right hand of the quote list page and tap "Symbol". Tap the appropriate category to drill down (<u>Ag-Cash Grains</u>).

- Continue to drill down by tapping the relevant categories (<u>KS>Coffey</u>) to find the desired symbol. Once you have found your desired symbol, tap the symbol to have it added to your Quote List.

**Example:** Drill-Down Search, "AG – Cash Grains > KS > Coffey>CY010Q17.501" Added to Quote List
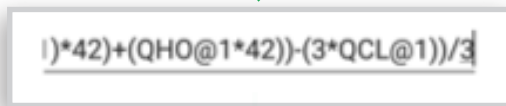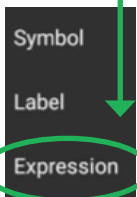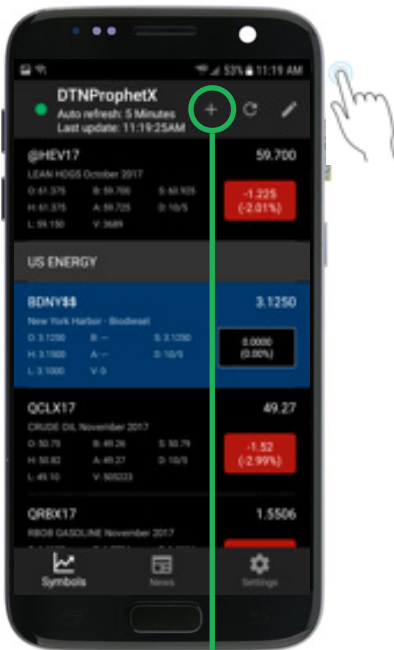
# F. Quotes

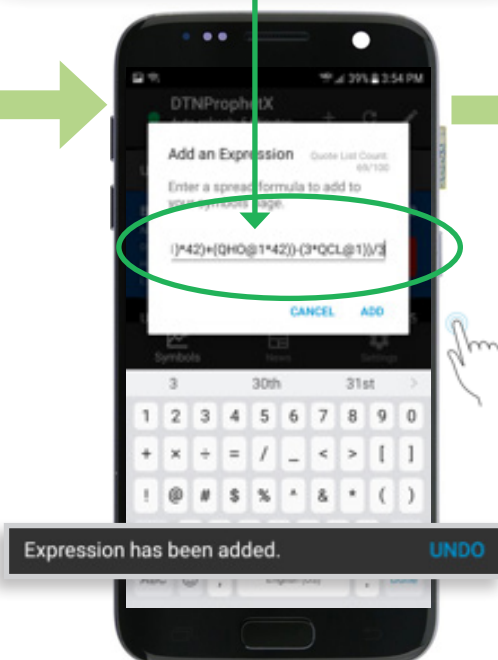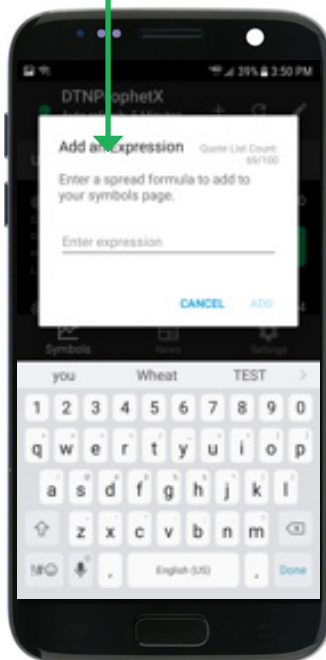## User-Defined Spreads & Entry of Math Expressions

The ProphetX Android app allows a user to add an intermarket spread to their Quote List through the entry of a math expression. (Max: 40 symbols)

- Tapping the "+" icon will present you with a menu offering 3 options to choose from.

- Tap "**Expression**".

- Within the open expression field, you may enter the spread formula and select "**Add**".

**Example #1:** 321 Crack Spread for RBOB

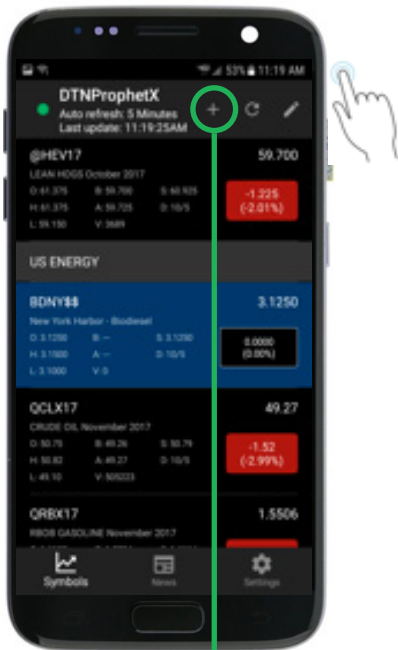((((2*QRB@1)*42)+(QHO@1*42))-(3*QCL@1))/3

Symbol

Label

Expression

)*42)+(QHO@1*42))-(3*QCL@1))/3

*Added to Quote List*

Expression has been added.          UNDO

# F. Quotes

## User-Defined Spreads & Entry of Math Expressions

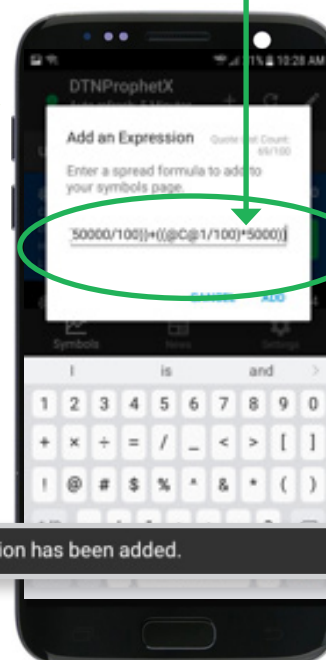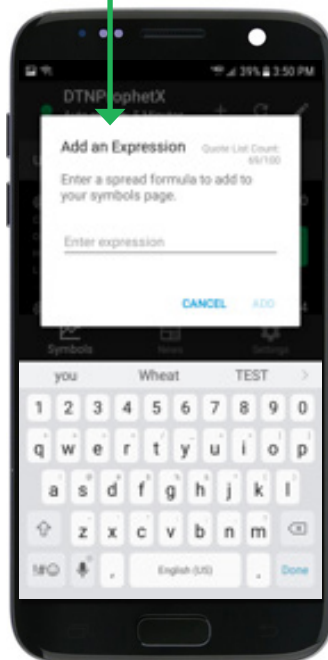Again, the steps to add a spread to your Quote List enter are as follows…

- Tap the "+" icon on the Quote List.

- Tap "**Expression**".

- In the open expression field, enter the formula and tap "**Add**".

**Example #2:** Cattle Crush Formula

(@LE@4*800)-((@GF@1*(50000/100))+((@C@1/100)*5000))

Symbol

Label

Expression

50000/100))+((@C@1/100)*5000))

Add an Expression

Enter a spread formula to add to your symbols page.

Enter expression

CANCEL    ADD

Expression has been added.    UNDO

(@LE@4*800)-((@GF@1*(50000/1000))+((@C@1/100)*5000))    72082.500

LIVE CATTLE April 2018 * 800 - FEEDER CATTLE October 2017 * 50 +

O: 71687.500    B: 71828.750

H: 72146.250    A: 72120.000    381.250 (0.53%)

# F. Quotes

## Creating Labels for Categories

To divide your Quote List into categories, the ProphetX Android app allows you to create labels such as the following:



Hogs & Cattle

• You may add a label in your Quote List by first selecting an individual quote in your Quote List. A label can be added ABOVE the quote you have selected (highlighted) by accessing the search function using the "+" icon.

• Tap "**Label**".

• Type in the title of your label in the search field and tap the "**Add**". You will receive a confirmation that the label was added to your quote list.

• Return to your Quote List to view your new label.
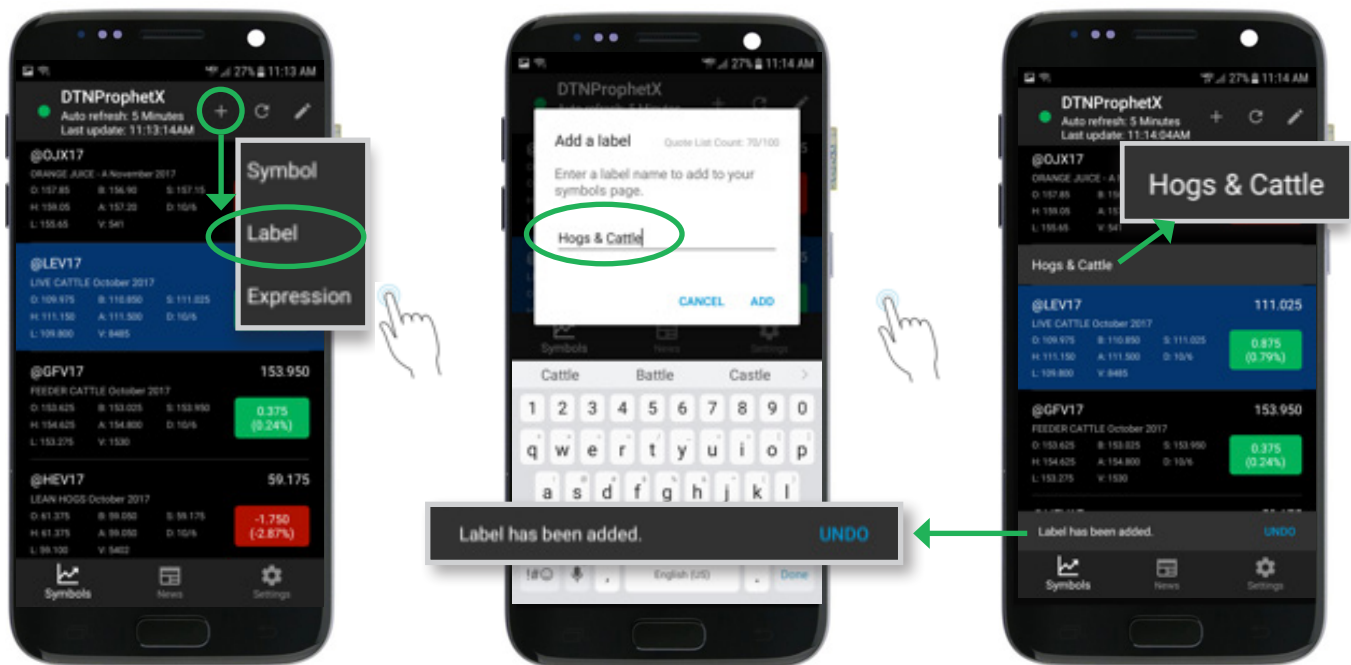
# G. Charts

## Chart Basics

To perform further evaluation and analysis on an individual symbol and quote, the ProphetX Android app provides users with charts. The chart displayed within your app is based upon the symbol quote or spread selected on your quote list. Here are some chart basics:

- Charts are available for both quote symbols and spreads
- One symbol or spread can be displayed within a chart
- Charts are displayed in both portrait and landscape layouts
- Bar, Line, and Candlestick are the 3 chart types available
- The time intervals available for charts are the following:



### Portrait



### Landscape

# G. Charts

## Charts Layout



"Back" button, allows you to return to quote list

Symbol description

Icon to change chart type

6 different chart intervals available

Y-axis contains pricing scale as it pertains to the individual symbol selected

X-axis contains the date scale as it pertains to the individual symbol selected

Real-time pricing data carried over from quote list

"Related News" or realtime news relevant to the individual symbol selected is available immediately beneath the chart (scroll down to view)

# G. Charts

## Changing Chart Type

To modify your chart type within the ProphetX Android app, you may tap the chart type icon in the top right-hand corner of your chart page and choose from 1 of 3 available chart types. These chart types are **Bar, Line,** or **Candlestick.**



Bar



Line



Candlestick

# G. Charts

## Changing Time Intervals



| 5 MIN | 30 MIN | 60 MIN | DAY | **WEEK** | MONTH |

To set or modify the time interval for which your chart displays data, simply tap the desired interval along the top of the chart displayed.

## Viewing Additional Data Points Within a Chart



To view current and historic data horizontally along the chart displayed, you can simply swipe right or left. The pricing scale along the y-axis will auto-adjust based upon the varying pricing levels displayed throughout the entire chart.

**Example:** Data points displayed are from 8/20/17 – 10/6/17



By **swiping to the right** within the app, historical data from 2016 is brought into view.



By **pinching the screen** while viewing a chart, more data points can be brought into view (Nov 2016 - March 2017).

# G. Charts

## Tooltips

The real-time pricing data displayed within the header of the chart is for the current day. However, you may desire to obtain market pricing information for a symbol or spread at a historic point in time.

You may do so by pulling up "**tooltips**". Tooltips are small *"pop-ups"* that display the historic pricing data for for any individual point in time along that symbol or spread's available history.

• To pull up a tooltip on a chart, simply tap and and briefly hold any point along the chart's data. The tooltip will appear along with crosshairs that will auto-adjust to varying pricing levels across different points in time.

• You may drag your finger left/right along the chart's data points to view historic data as part of tooltips.

• To remove the tooltip, simply tap the chart one time.

# H. News

## News Feed

Day-to-day trading decisions are based on price as well as ongoing events and activities taking place within a market, industry, or economy.

Within the ProphetX Android app, traders are able to stay current with real-time news and events that may influence trading or buying decisions.



- In addition to the "**Related News**" accessed below a chart, you may access the primary "**News**" section of the app by tapping the "**News**" icon.
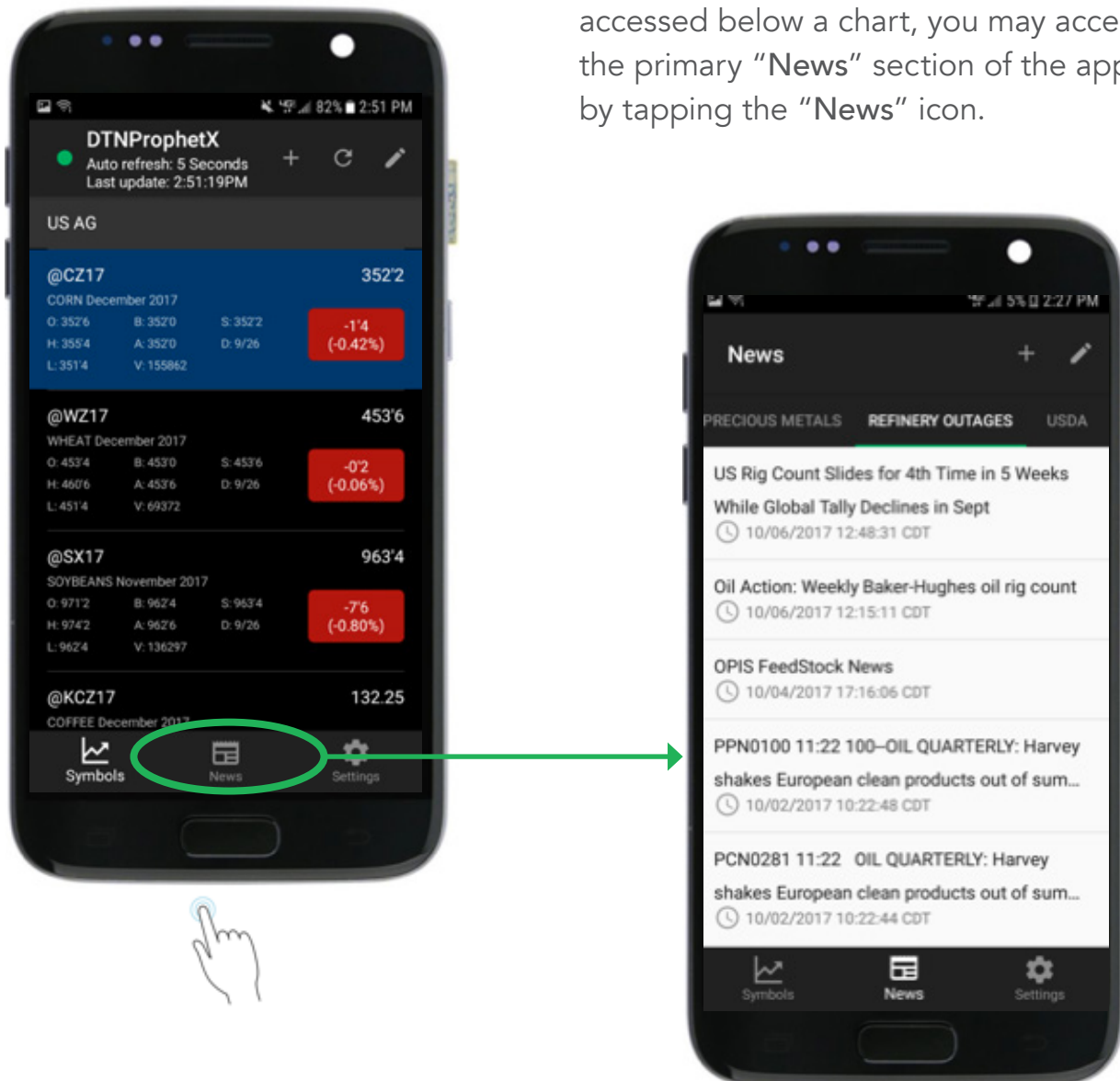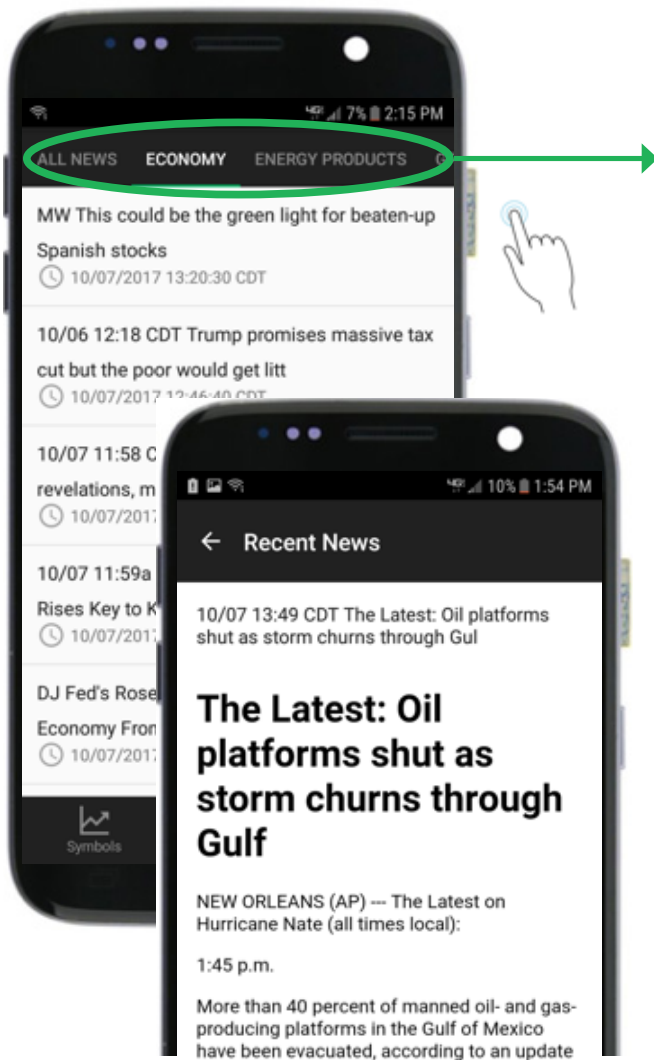
# H. News

## News Feed & News Searches

Once you have accessed the News page, you will be able to view a real-time feed of **"All News"** OR view a real-time feed of news by industry or category.



• Tapping on an individual news line item will display the news content in a pop-up window as shown below.

• You may choose to view **"ALL NEWS"** or choose a specific category or industry such as:

• ECONOMY
• ENERGY PRODUCTS
• GRAINS
• PRECIOUS METALS
• REFINERY OUTAGES
• USDA

# H. News

## Creating Your News Search | Editing News Categories

• Tapping the "+" icon within the news searches page presents you with the ability to enter your own news search based upon keywords. You may also assign a title to your search.

• Tapping the "pencil" icon allows you to reorder, edit, or remove news searches from your listing.



• Tap to "Move to Trash"

• Tap to edit news category title.

• Tap, hold, **and** drag this icon to reorder the news categories above or below others.

# I. Customer Service Contact Information
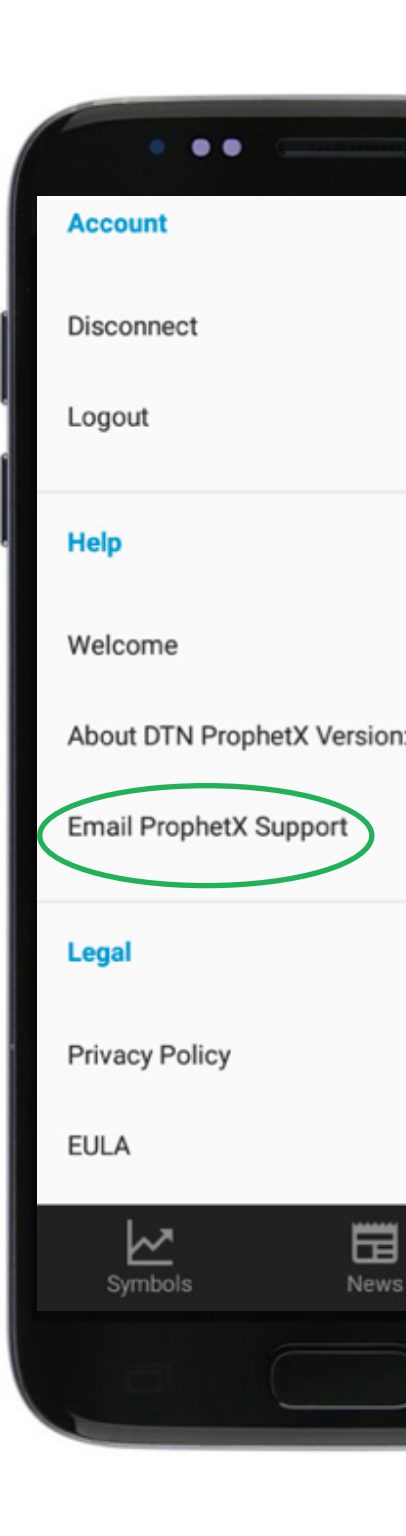
To contact DTN ProphetX Customer Support by phone: **800.532.0136**

International Callers: **+1 402.255.8628**

To contact DTN ProphetX Customer Support by email: **ProphetX@dtn.com**

Select "**Email ProphetX Support**" within the settings of the Android app to contact DTN ProphetX Customer Support directly.