



JOHN DEERE

NOTHING RUNS LIKE A DEERE

Power of Contributions

Patrick O'Connell, Tech Lead

Sara McIntyre, Product Manager

DEVELOP WITH
DEERE
2020

Agenda

- Seeding to Spraying with Connected Software Companies
- Contributing to the John Deere Operations Center
- Create your connection today!

Seeding to Spraying with Connected Software Companies







Contributing to the John Deere Operations Center

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Contributions



Assets



Notifications



Prescription File



Map Layers

Asset Contribution

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Asset Contribution

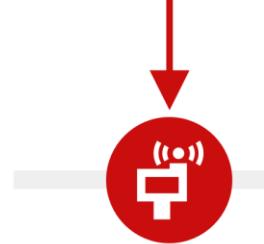
Add a customer's smart device to Operations Center so they can monitor it along with their John Deere assets.

Asset Contribution

Field Readiness



Ops Center



Mike

- Location of ‘smart’ device on the run map
- Meta data from any device
- Markdown can be used to link out
- Location History

Asset Contribution – We Heard You!

- Moved to **BETA**
- More Options

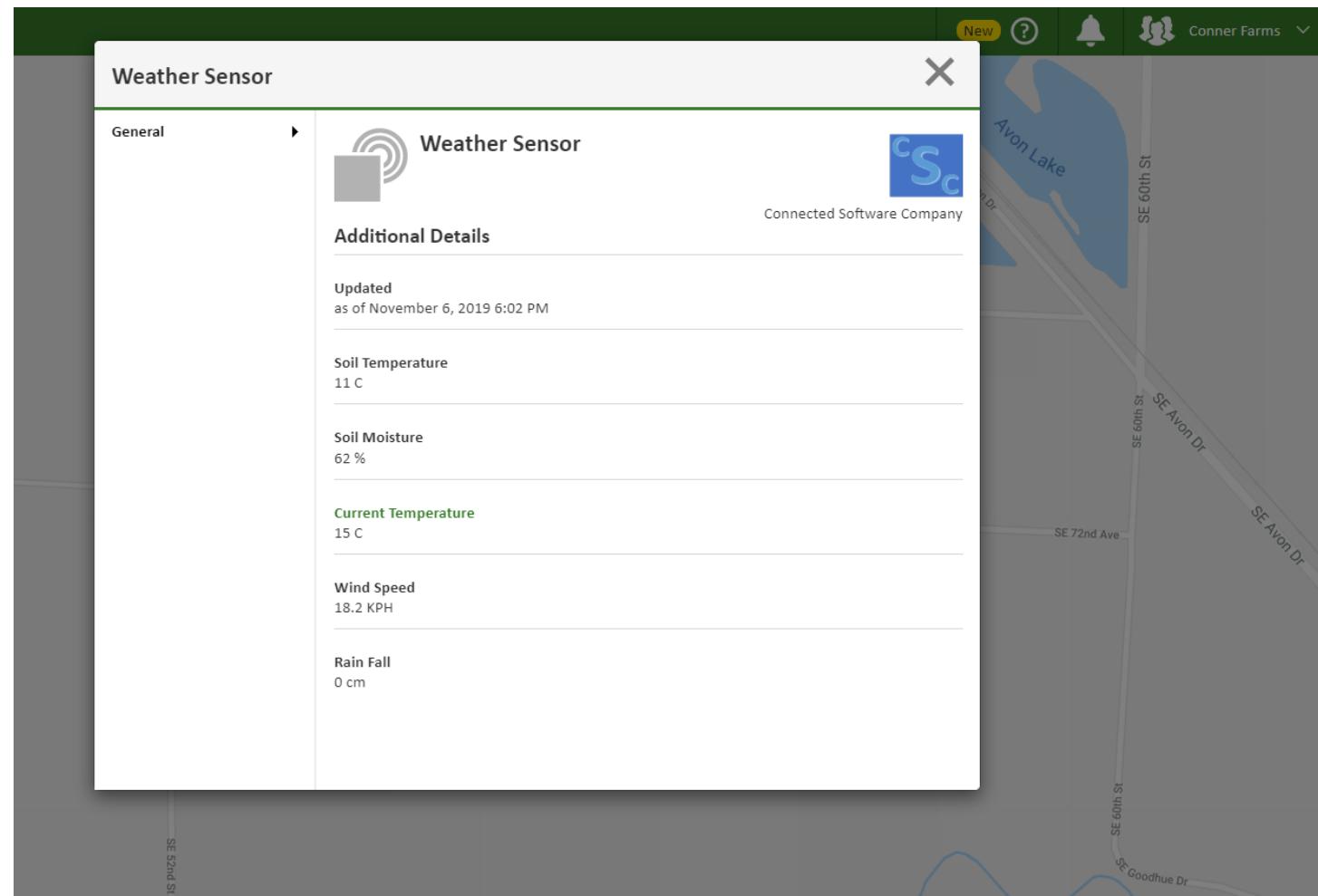
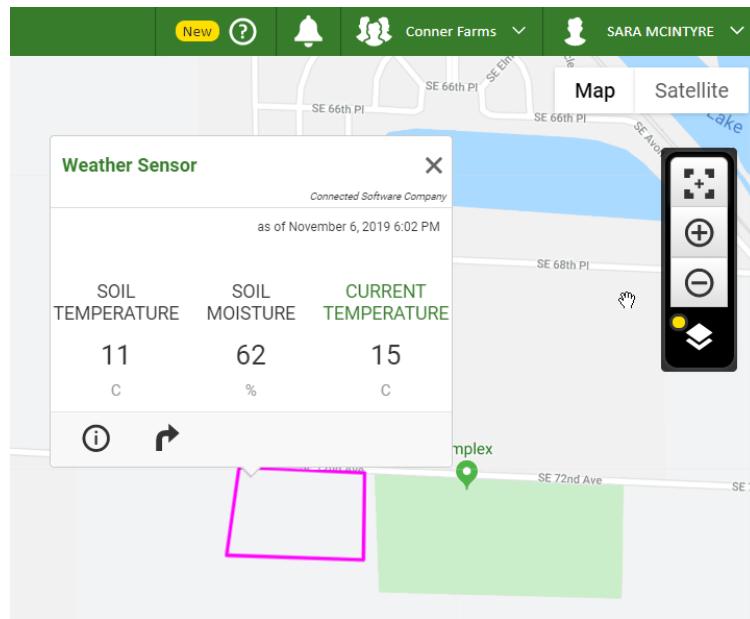
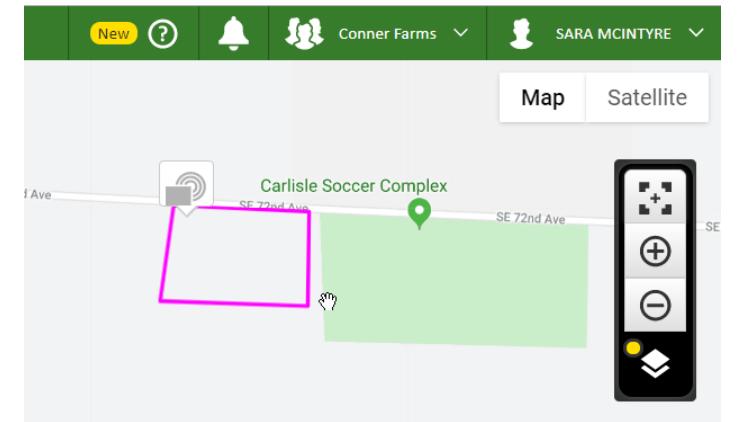


Asset Contribution

1. Call the Catalog
2. Create your asset in the Operations Center
3. Assign the asset a location and provide measurement data
4. Update the asset's location and measurement data

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Asset in Operations Center



Notification Contribution

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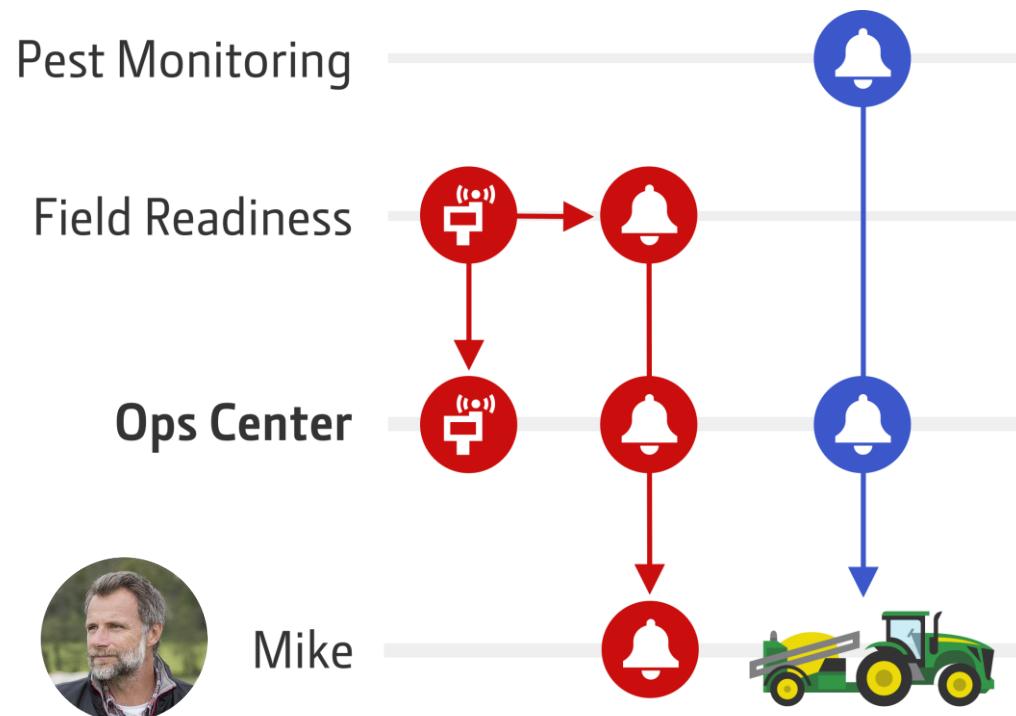


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Notification Contribution

Notify your customers via the Operations Center of events they care about.

Notification Contribution



- Alert about a resource in the Operation Center
- Markdown can be used make the notification stand out
- Actions/Buttons allow the user to quickly get the step in their process

Notification Contribution – Delivery Methods

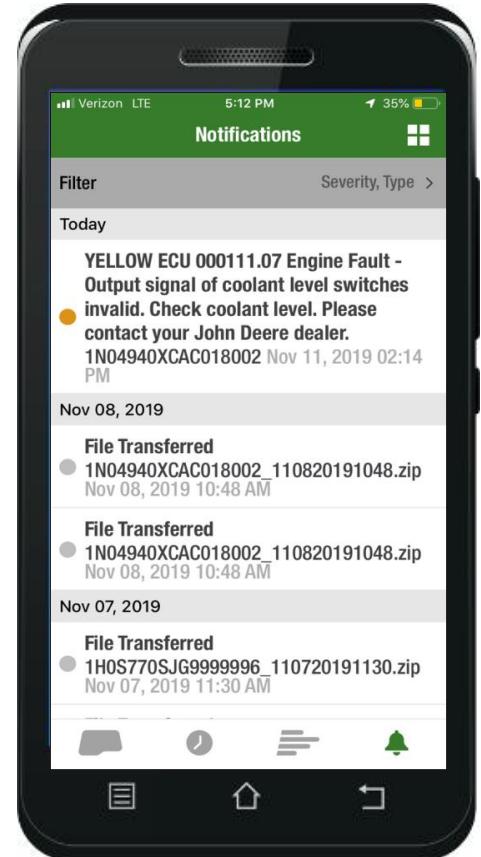
The screenshot shows the John Deere Notification Center. On the left, there's a sidebar with filters for 'Available' and 'Ignored' notifications, 'Saved Searches' and 'Manage Searches', 'Custom', 'Organizations', and 'Enable Filter'. Below that are sections for 'Categories' (Announcement, Diagnostic Trouble Codes, File Management, Geofence and Curfew, Machine Maintenance, Organization Management, Pest Management, Reports, Scouting, Terminal Management), 'Severities' (High, Medium, Low, Info), and 'Equipment'. At the bottom are buttons for 'CLEAR ALL FILTERS' and 'SAVE SEARCH'.

The main area lists alerts from Nov 8, 2019:

- 2:44 PM: Jensen Test Farms - ISG S&T Fuel level low. - Fill fuel tank 9570RT @ ISG
- 7:57 AM: Jensen Test Farms - ISG S&T YELLOW SCC 002602.18 Hydraulic oil level very low. - Reduce hydraulic flow 1RW8345RCKS142219
- 3:51 PM: Jensen Test Farms - ISG S&T YELLOW QCM 516906.05 Grain Quality Monitor - Grain Bypass Camera or... 1H05770SEJ0800692
- 2:55 PM: Jensen Test Farms - ISG S&T YELLOW QCM 516905.05 Grain Quality Monitor - Tailings Bypass Camera ... 1H05770SEJ0800692
- 2:55 PM: Jensen Test Farms - ISG S&T YELLOW QCM 516905.05 Grain Quality Monitor - Tailings Bypass Camera ... 1H05770SEJ0800692
- 2:39 PM: Jensen Test Farms - ISG S&T YELLOW QCM 516906.05 Grain Quality Monitor - Grain Bypass Camera or... 1H05770SEJ0800692
- 2:39 PM: Jensen Test Farms - ISG S&T YELLOW MMC 517156.01 Hydraulic Down Force System issue on the Follo... 1LD860GLKA785101
- 1:18 PM: Jensen Test Farms - ISG S&T YELLOW QCM 516906.05 Grain Quality Monitor - Grain Bypass Camera or... 1H05770SEJ0800692

This is an email notification from John Deere. The subject line is "Mon 11/1/2019 4:54 PM John Deere OTHER AIC 524019.31 Reverser lever left in incorrect position. - Return to park to attempt recovery." The body of the email contains the following text:
OTHER AIC 524019.31 Reverser lever left in incorrect position. - Return to park to attempt recovery.
11 Nov 2019 4:20 PM
OTHER AIC 524019.31 Reverser lever left in incorrect position. - Return to park to attempt recovery.
LAT/LONG LOCATION AT THE TIME OF ALERT
41.76728, -93.48572
Make JOHN DEERE
Type Tractor
Model 8370R
PIN 1RW8370RTKD150724
Occurrences
Duration
Engine Hours 70.4
1RW8370RTKD150724

This notification matched the following saved searches: All Categories
View this and other notifications you've received in the Notifications Center.
PLEASE DO NOT REPLY TO THIS E-MAIL. THIS E-MAIL ADDRESS IS USED BY AN AUTOMATED SYSTEM AND IS NOT MONITORED.
Copyright © 2019 Deere & Company. All Rights Reserved



Notification Contribution

1. Determine the details of the notification – Title, Description, Severity, Type, Resource
2. Determine what steps the user may need to take after they receive your notification
3. Create the Notification

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Notification in Operations Center

Notification Center

Available Ignored EXPORT

Saved Searches Manage Searches

Custom

Organizations (1) Enable Filter

Categories

- Announcement
- Diagnostic Trouble Codes
- File Management
- Financial
- Geofence and Curfew
- Machine Maintenance
- Organization Management
- Pest Management
- Reports
- Scouting
- Terminal Management

Severities

- High
- Medium
- Low
- Info

Equipment

CLEAR ALL FILTERS

SAVE SEARCH

Field 1 - Pests Detected

NOTIFICATION DETAILS

Nov 22, 2019 8:49 AM

Corn borers have been detected in your area!

- Corn borers are dangerous to crop health
- They can be eliminated if you act quickly

Click the buttons in the lower right hand corner below to learn more.

Field 1
Client 1 | Farm 1

CONNECTED SOFTWARE COMPANY CORN BORER

8:22 AM Conner Farms My Field - Pests Detected Field 1

8:21 AM Conner Farms My Field - Pests Detected Field 1

8:19 AM Conner Farms My Field - Pests Detected Field 1

?

Conner Farms SARA MCINTYRE

Connected Software Company

Prescription/File Contribution

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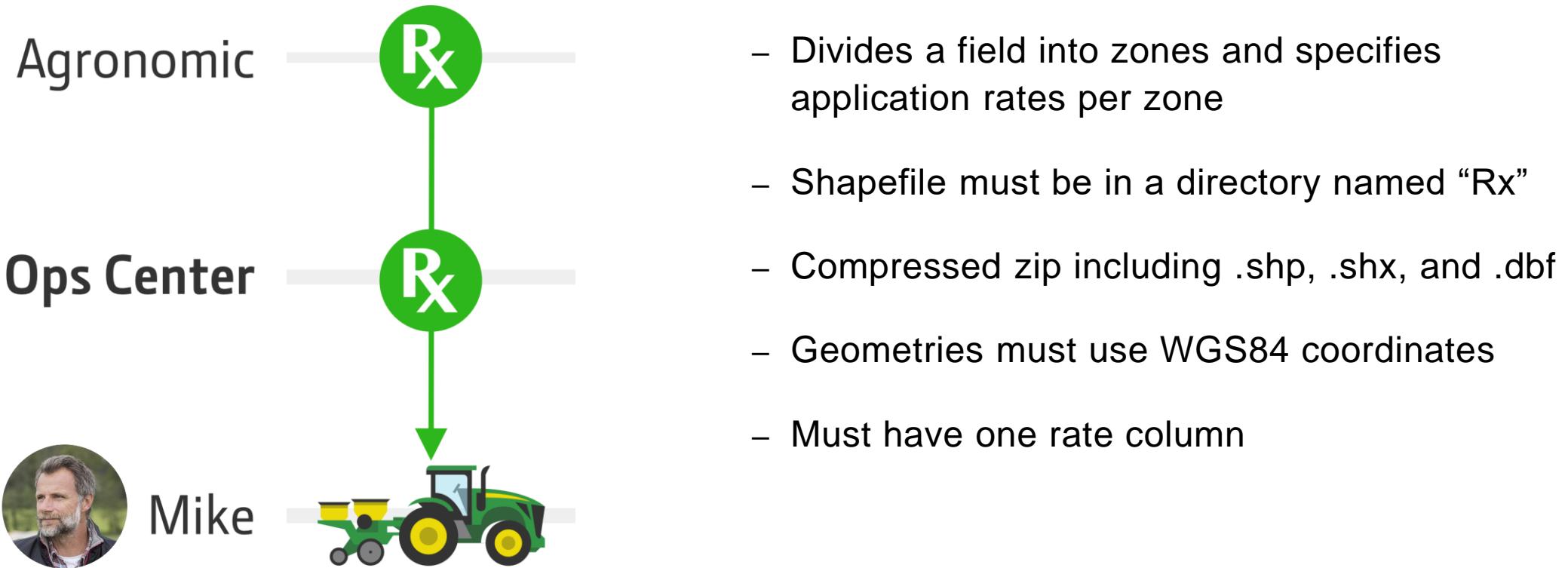
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Prescription Contribution

Set your customers up for success by adding a file to their Operations Center.

This can enable a prescription to be wirelessly transferred to a machine.

Prescription File Contribution



Prescription Contribution

1. Prepare your zip file
2. Create space for you file in our system
3. Put your file in the created space

DEMO

Prescription File in Operations Center

The screenshot shows the John Deere Operations Center interface with the 'Files Manager' tab selected. The top navigation bar includes 'New', '?', a bell icon, and user information for 'Jensen Test Farms - ISG Si&T' and 'SARA MCINTYRE'. On the right, there's a 'Upload a File' button with a '+' icon.

The left sidebar contains filter options: 'Available' (selected), 'Archived', 'Client' (dropdown to 'Select a Client'), 'Farm' (dropdown to 'Select a Farm'), 'Field' (dropdown to 'Select a Field'), 'Equipment' (dropdown to 'Select Equipment'), 'File Type' (dropdown to 'Prescription'), and 'Date Created' (dropdown to 'Last 30 Days'). A 'Reset Filters' button is at the bottom of the sidebar.

The main content area displays a table of files. The columns are: Name, Status, Field, Client, Farm, Type, and Date Created. The table lists seven files, all of which are 'Prescription' type files created on 'Oct 28, 2019' or 'Nov 11, 2019'. The 'Status' column indicates file transfers or uploads by Jason Blanchette.

	Name	Status	Field, Client, Farm	Type	Date Created
<input type="checkbox"/>	Jensen- 11-11-19_2730 Setpoint check_tillage.zip	File transferred to 9570RT @ ISG	-- --	Prescription	Nov 11, 2019
<input type="checkbox"/>	Jensen_BoD 1_Liq fert.zip	File transferred to 1RW8320RAKP143346	-- --	Prescription	Oct 28, 2019
<input type="checkbox"/>	Jensen_BoD 1_DKC48-12.zip	File transferred to 1RW8320RAKP143346	-- --	Prescription	Oct 28, 2019
<input type="checkbox"/>	Jensen_BoD 1_Liq fert.zip	File uploaded by Jason Blanchette	-- --	Prescription	Oct 28, 2019
<input type="checkbox"/>	Jensen_BoD 1_DKC48-12.zip	File uploaded by Jason Blanchette	-- --	Prescription	Oct 28, 2019
<input type="checkbox"/>	Jensen_BoD 1_Fertilizer.zip	File uploaded by Jason Blanchette	-- --	Prescription	Oct 28, 2019
<input type="checkbox"/>	Jensen_BoD 1_Fertilizer.zip	File uploaded by Jason Blanchette	-- --	Prescription	Oct 28, 2019

Map Layer Contribution

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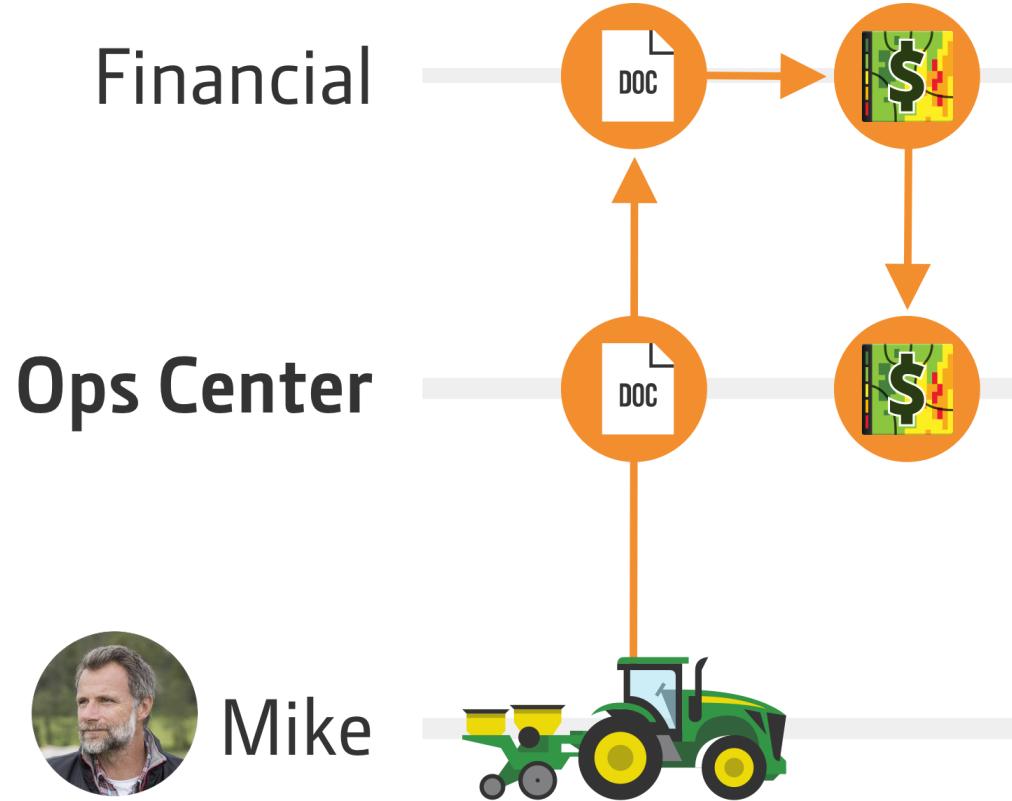


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Map Layer Contribution

Add field images and contextual information to your customer's fields for enhanced analysis.

Map Layer Contribution



- Geospatially relevant information associated to a field
- Ability to monitor, diagnose or manage a field
- Image with meta data
- Must provide a legend
- Markdown is supported

Map Layer Contribution - Types

Drone



Financial



Prescription



Satellite



Soil



Other



Map Layer Contribution – We Heard You!

- Moved to PRODUCTION
- Meta data per layer
- Delivered on all 3 Form Factors
- High usage
- Financial Type will be secured



Map Layer Contribution

1. Create a Map Layer Summary/Event
2. Create a Map Layer and associate to the Summary
3. Create a file location for your image
4. Upload your image to that location
5. Repeat steps 2-4 for each layers you want to add the summary/event

DEMO

Map Layer in Operations Center

The screenshot displays the Field Analyzer Beta interface within the Operations Center. The main feature is a satellite map of a field with a green profit map overlay. The profit map shows several large, irregular green shapes, indicating areas of high profit. The map is overlaid on a dark brown field with some buildings and roads labeled "SE 72nd Ave". A legend on the left side of the map indicates profit levels from \$800/ac to \$2000/ac, with each level represented by a different shade of green. Below the map, there are two sections: "2018 PROFIT MAPS" and "PROFIT MAP". The "2018 PROFIT MAPS" section shows the map for November 11, 2018, with a note that CSC generated it using USDA crop prices. The "PROFIT MAP" section provides financial results: Estimated Profit of \$943/ac (\$26,438 total) and Forecasted Yield (No Yield Forecast). The interface includes various navigation and filter controls on the left and top, and a timeline at the bottom.

To analyze a field, please select one from the list below. To narrow down this list adjust your filters.

Field

Field 1

How would you like the maps displayed?

Overview

1 Operation

Profit Maps

Layer

Profit Map

Google Summary Data Analysis

Map data ©2019 Imagery ©2019, Maxar Technologies, Warren County | Terms of Use | Report a map error

2018 PROFIT MAPS

November 11, 2018

CSC has generated an estimated Profit Map using cost averages and revenue based on the USDA's common crop prices for harvest.

Learn More About CSC

PROFIT MAP

Financial Results Below

ESTIMATED PROFIT

\$943/ac | \$26,438 total

FORCASTED YIELD

No Yield Forecast

Contributed By:

cSc

Connected Software Company

2017 April May June July August September October 2019



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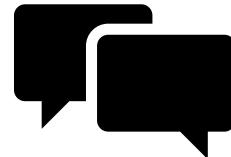
Create your Connection



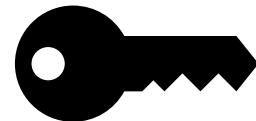
Create your App



Talk to us!



Get API Licenses



Together we make his life easier!



- Freedom Choice in Software
- Seamless Integration
- Rich Data Set

Q&A



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2019



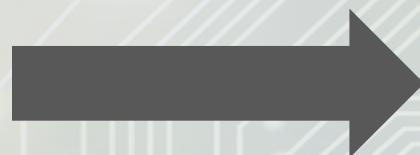
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How'd we do? How valuable was this session to you?



Please let us know by completing a short survey in the app



Select your session and answer the survey questions!

The image shows three sequential screens from a mobile application used for surveying conference sessions:

- Screen 1: Session Selection**
Shows a list of sessions. The first session, "Achieve the Next Level with John Deere Dealers Survey", is highlighted with a red box.
- Screen 2: Survey Question**
Asks the user if they found the content valuable. Below is a Likert scale with five options:
 1. Strongly Agree
 2. Agree
 3. Neutral
 4. Disagree
 5. Strongly DisagreeA "Next >" button at the bottom is highlighted with a red box.
- Screen 3: Feedback Section**
Prompts the user to provide additional feedback. A large text input field is shown, with the "Finish >" button at the bottom right highlighted with a red box.



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