

Agenda

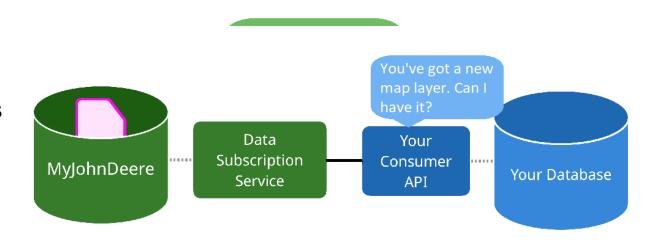
Wednesday, January 29, 2019

- What is Data Subscription Service
- Why use DSS
- When would I use DSS
- How do I use DSS
- Managing DSS
- Demonstration



What is Data Subscription Service (DSS)?

- Webhook style notification
 - A Consumer sets up a subscription and listens for data changes in MyJD
 - DSS notifies the Consumer there has been a change in data
 - The Consumer requests new data from MyJD
 - MyJD sends new data





Why should I use DSS?

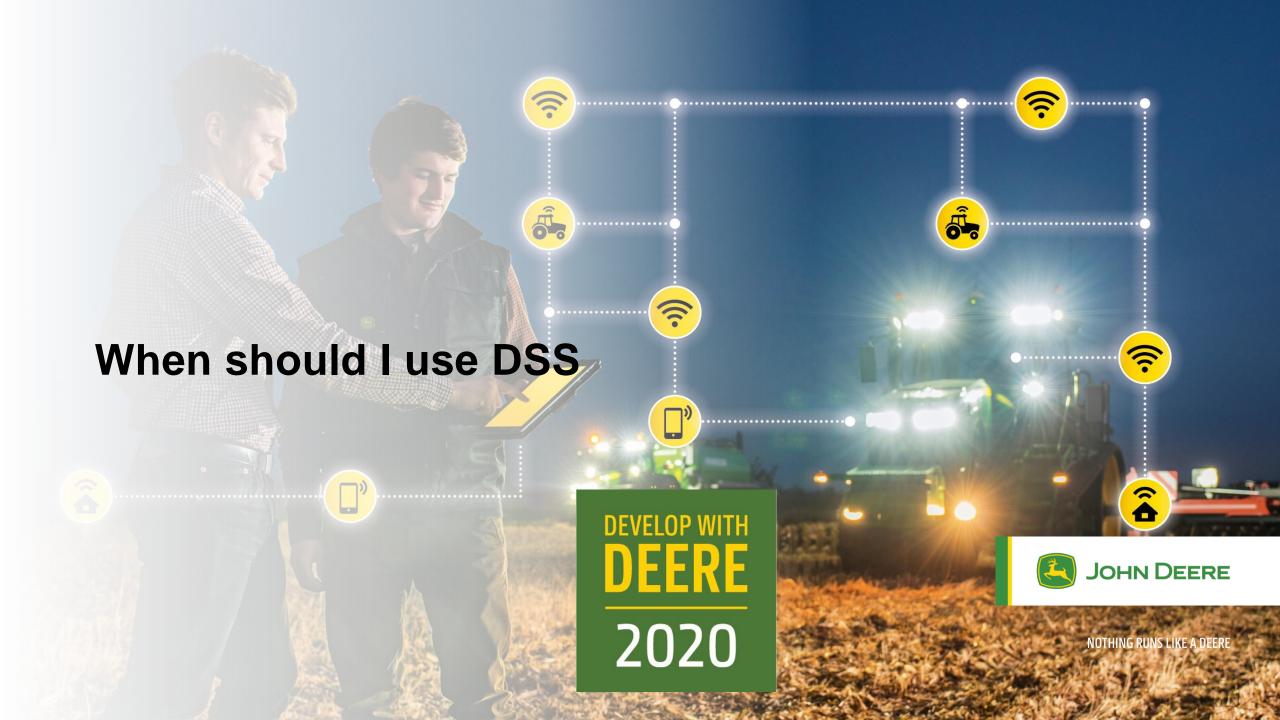
Benefits

- Reduce calls
- Reduced latency
- Reduce work
- In the example to the right, calls could be reduced by 90% or more

Example:

Connected Software asks MYJD if there is new data

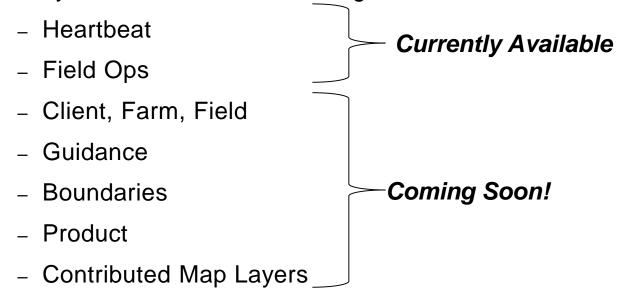
- Asks for every customers' fields every 5 minutes
- If software supports 10,000 fields, that is over 1 billion calls per year
- Most calls produced "no change" response



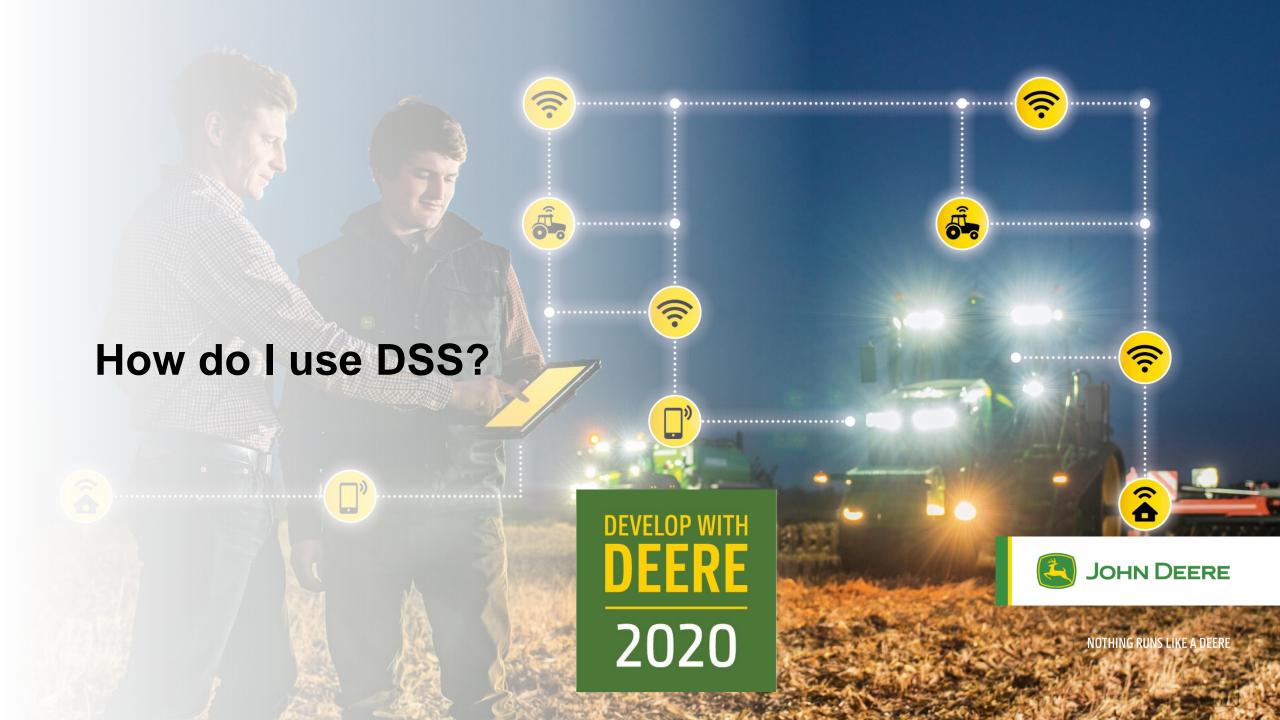
When should I use DSS?

– Do you currently poll for new data?

– Do you use one of the following APIs?



– What else would you like to get through DSS?



How do I use DSS?

- Go to developer.deere.com
- Obtain a DSS endpoint license
- Create a delivery endpoint
 - Follow the standards for an endpoint defined on DD.com
- Select an event to subscribe to (start with heartbeat for testing purposes)
- Subscribe to the event
- Test heartbeat subscription in your environment
- Create subscriptions to other event types

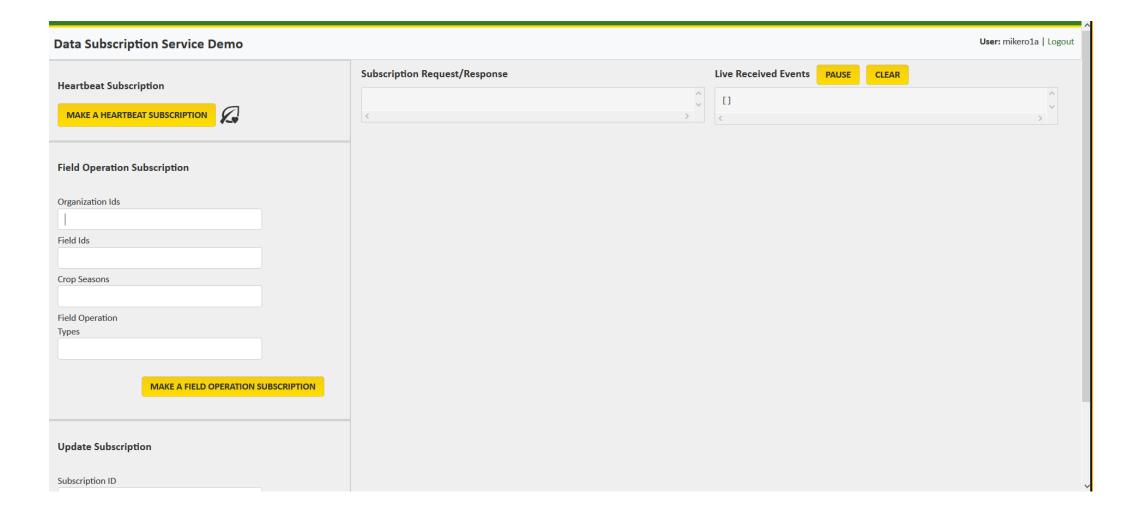


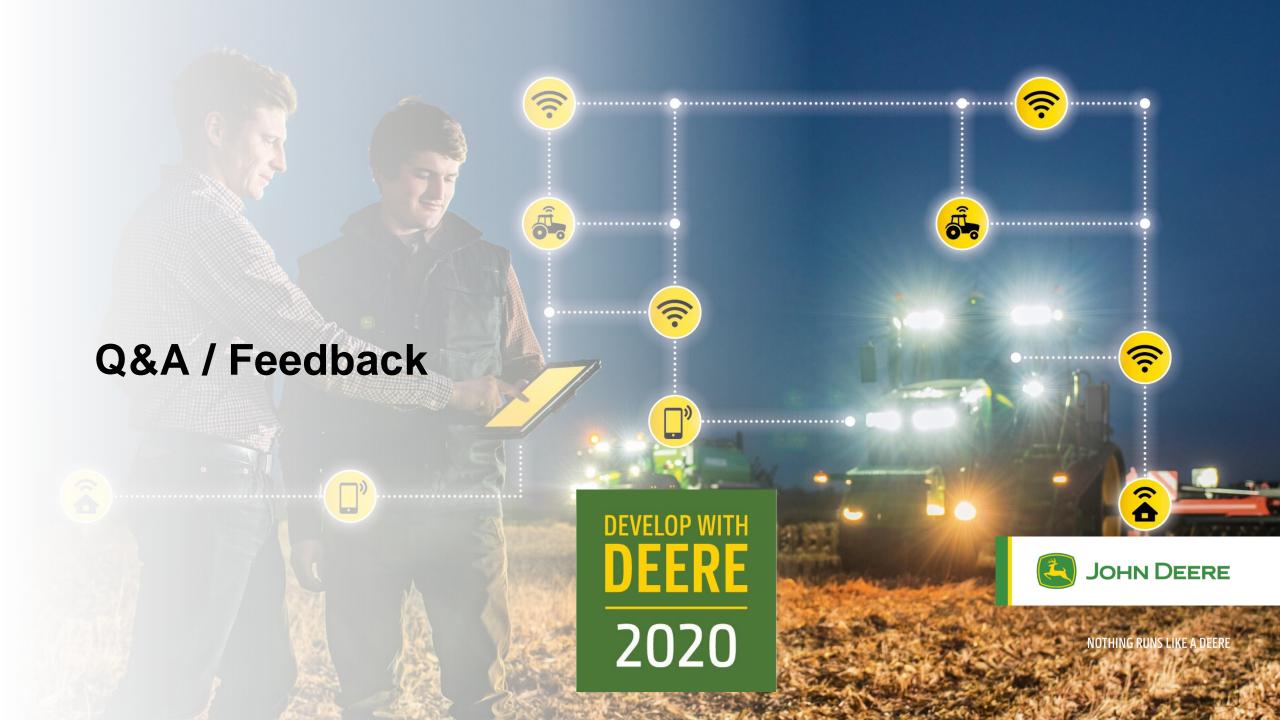
Managing Subscriptions

- Delivery Options
 - Pausing a subscription
 - Max event history
 - Duplicate events
 - Concurrent deliveries
 - Max event batch size
- Edge Conditions
 - Permission change
 - What happens and how should an app respond...
 - Event delivery failure
 - What happens and how should an app respond...



Demonstration





JOHN DEERE