# BASIC DATA FLOW AND REQUIREMENTS

## FOR RFID DATA BETWEEN JOHN DEERE AND ECOTTON GIN

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# TOPICS

- Retrieving John Deere RFID data from the eCotton software
- CottonHost
- MyModules
- Module Dispatcher

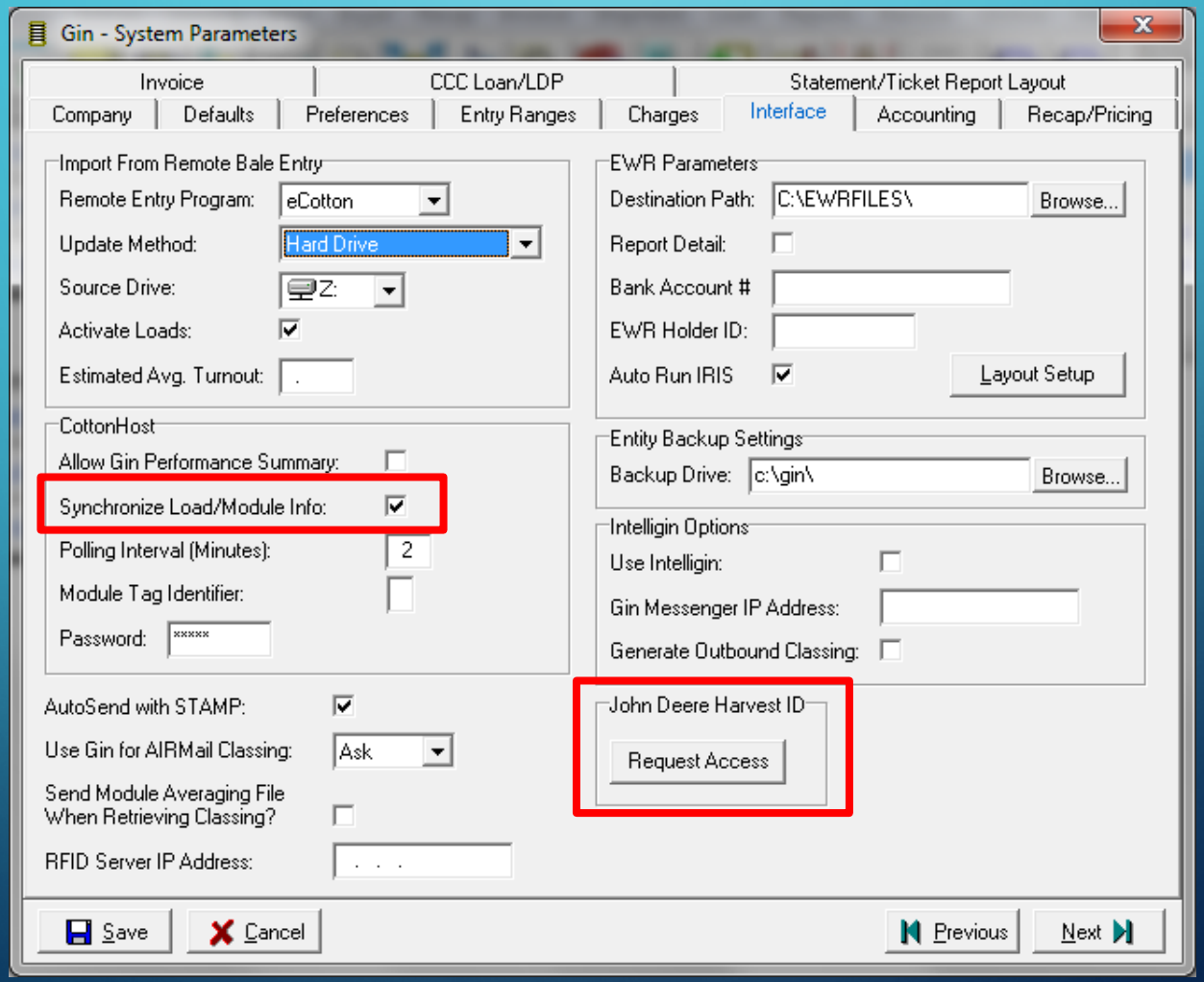
# REQUIREMENTS FOR JOHN DEERE RFID

- Producer uses the same producer ID and Farm ID in their John Deere picker as the gin uses in eCotton software
- Producer authorizes the gin to receive data in the John Deere Portal
- eCotton software authorization with John Deere Portal
- CottonHost
- Marrying data requires scanning equipment and eCotton RFID Module

# RFID DATA FLOW

1. Picker transmits data or data is uploaded via USB drive to John Deere depending on picker model
2. eCotton Software pulls data through CottonHost from John Deere
3. Module RFID is scanned at the gin and John Deere data is married with load data

# AUTHORIZING ECOTTON TO RECEIVE JOHN DEERE DATA



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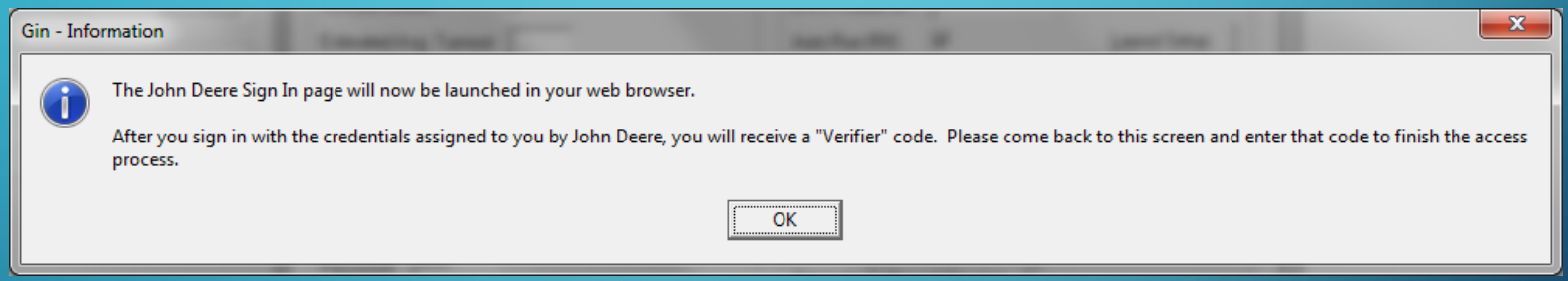
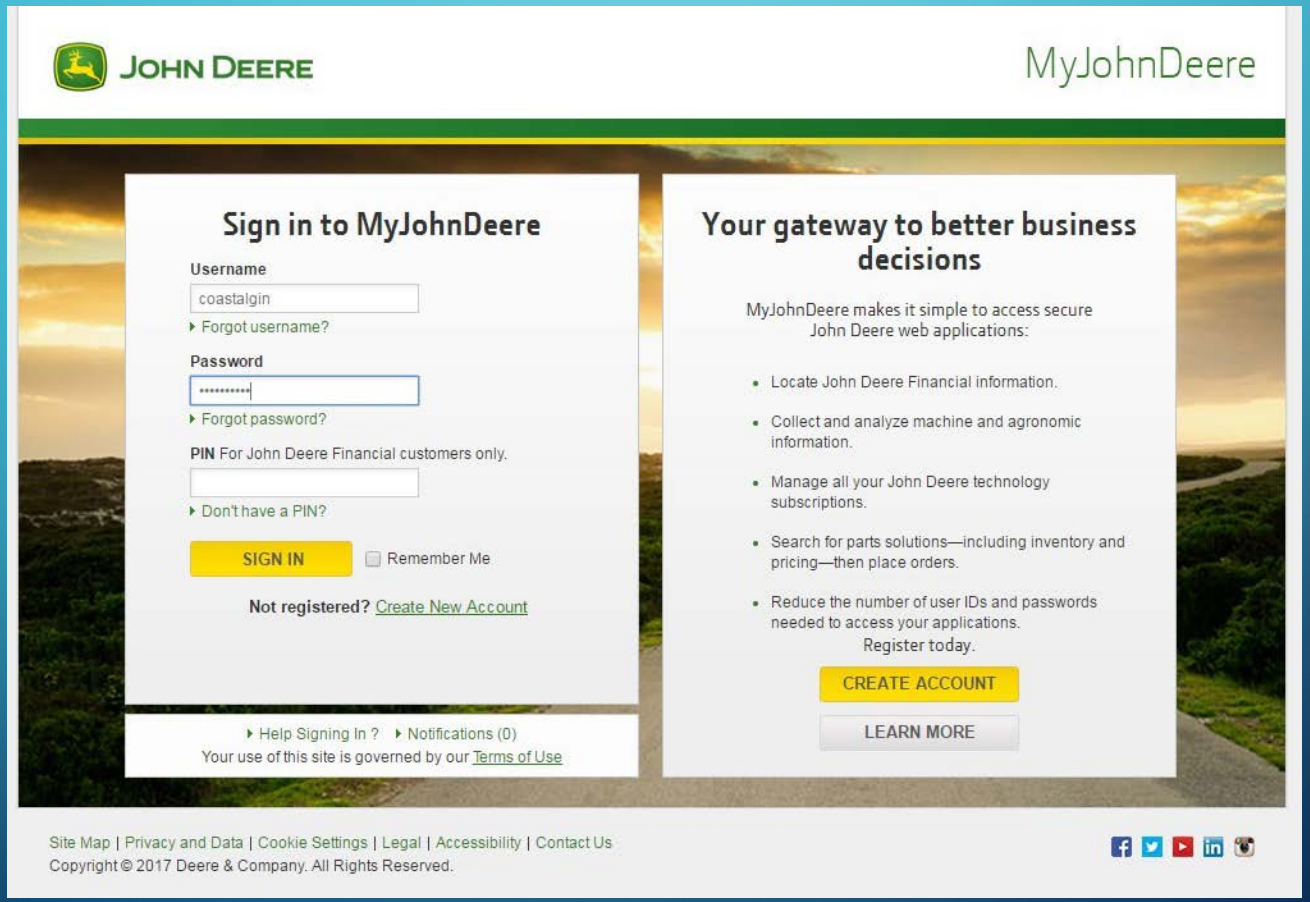


# JOHN DEERE SIGN IN PAGE



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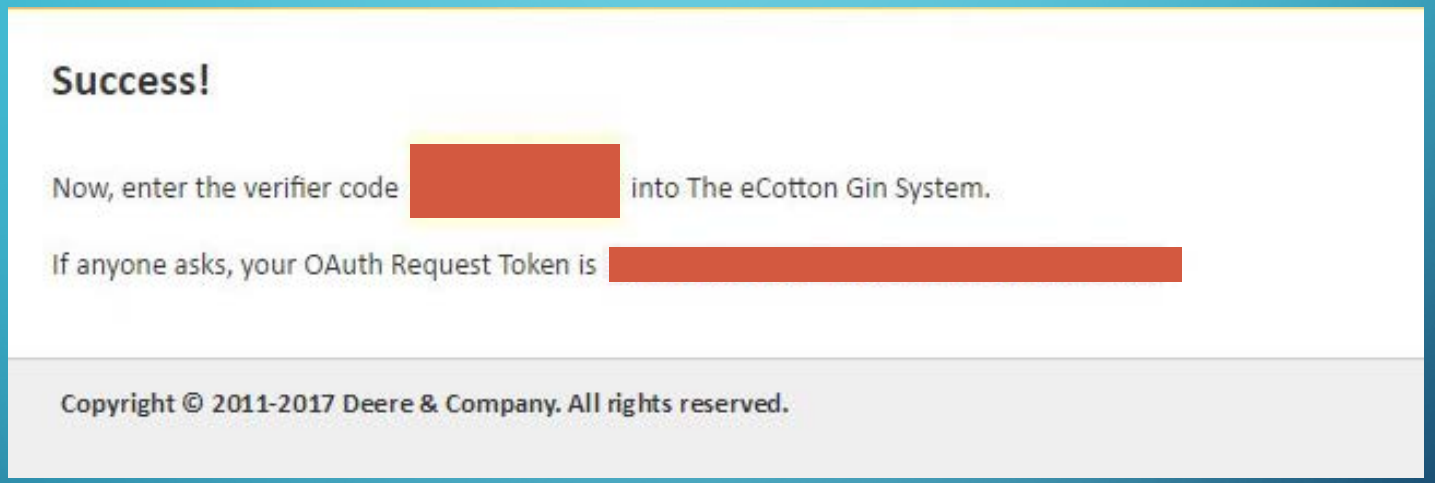
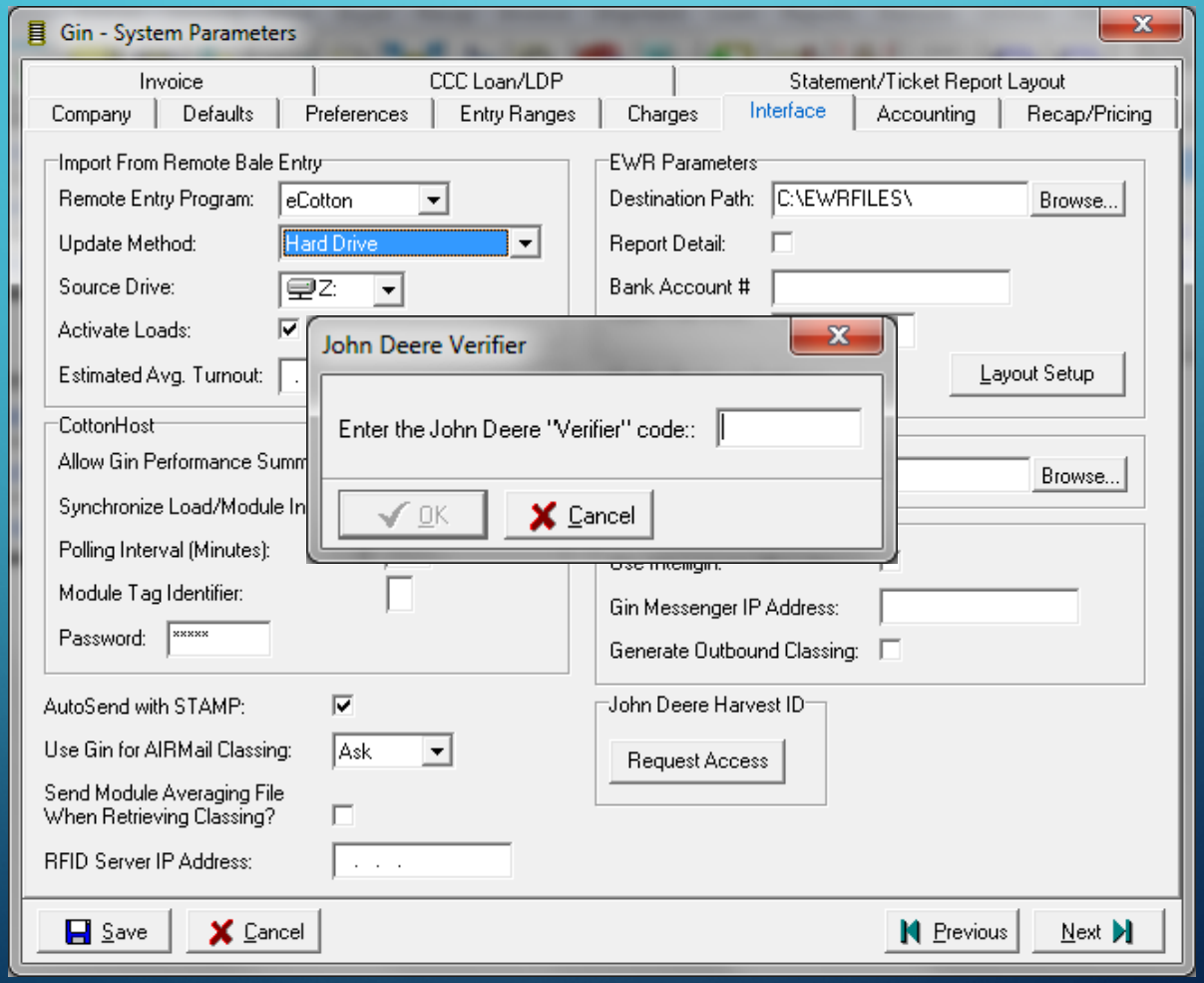


# ENTERING VERIFICATION CODE INTO ECOTTON SOFTWARE



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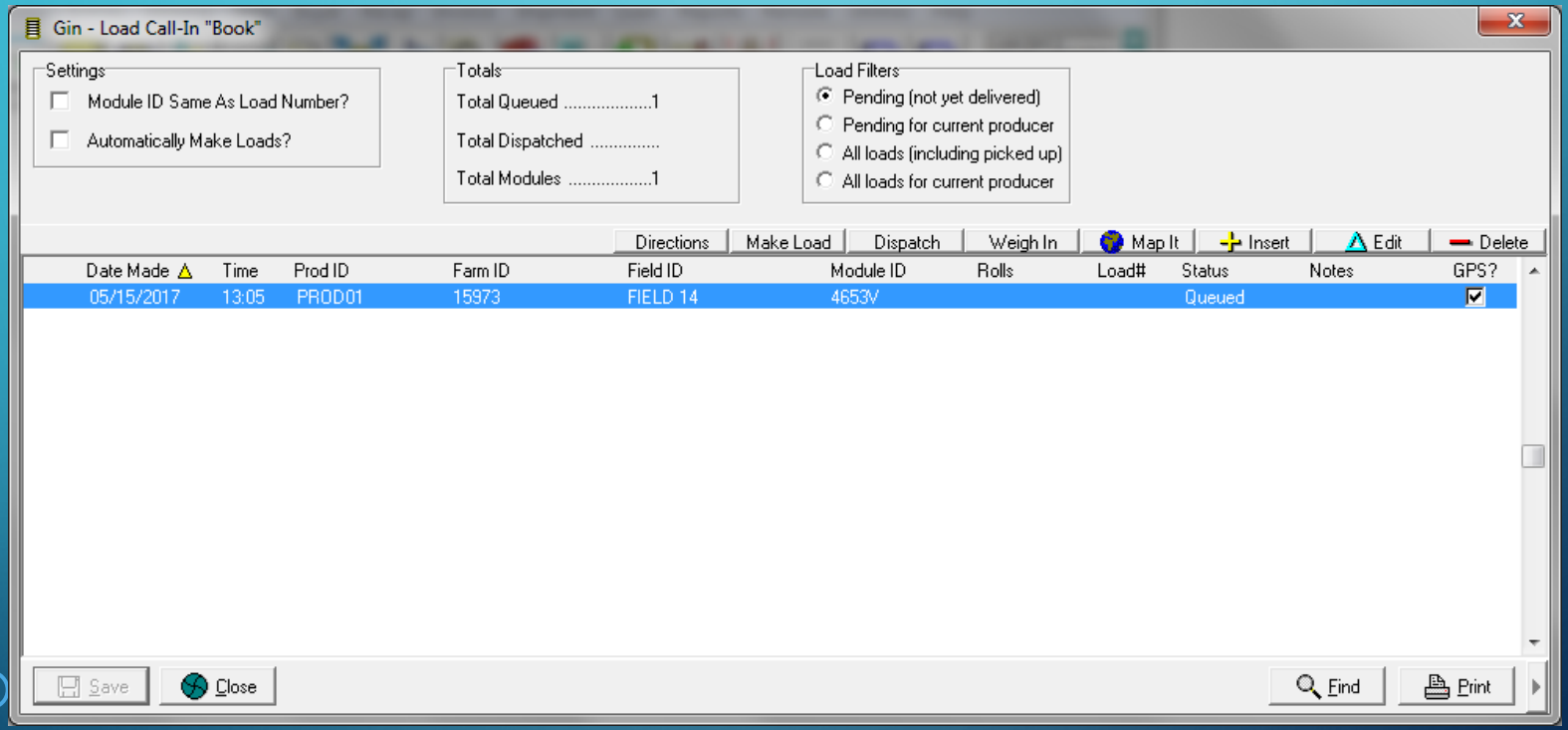
# DOWNLOADING THE JOHN DEERE RFID DATA



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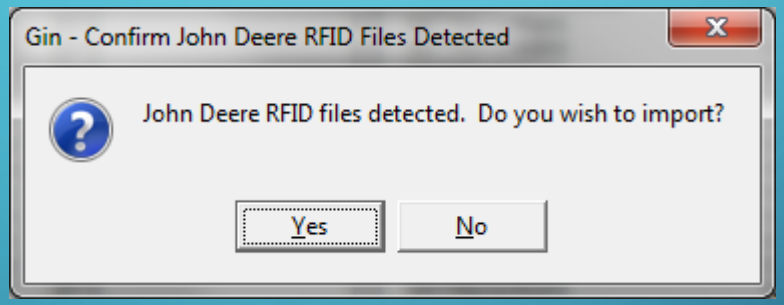
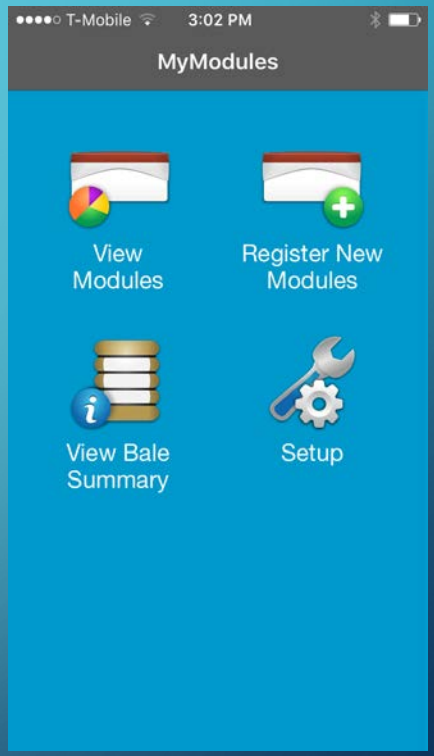


# COTTONHOST

- Website that provides access to gin production data for producers
- Dynamically generate, view, and download reports based on current gin production data
- Subscribed to by the gin

# MYMODULES

- Mobile app that allows producers to register modules in the field
- Reports GPS location of modules to the gin for pickup
- Modules appear in Call-In book of eCotton software
- Allows producer to see bale summary information
- Requires gin to have CottonHost subscription



# MODULE DISPATCHER

- Mobile app that allows module truck driver to see modules that need to be picked up
- Shows the driver GPS location and directions (if used in conjunction with MyModules)
- Allows driver to weigh in modules at the scale from the truck
- Requires gin to have CottonHost subscription

# WHAT'S NEXT

- Tagless modules using RFID scanning instead
- Reporting enhancements for RFID data
- Enhancing Module Dispatcher for tagless modules
- Additional enhancements based on early adopter feedback

# THANK YOU

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