

John Deere Customer Business Data Type Inventory

This document is a reference in support of the [John Deere Customer Business Data Principles](#) and [FAQ](#) documents. It provides information on how John Deere classifies different types of business data collected in a customer's MyJohnDeere.com account, which intends to help customers understand how data in their account may be used by John Deere. Data types outlined here include [Machine Data](#), [Production Data](#) and [Other Data](#).



Machine Data – Data that generally relate to how your equipment is functioning.

Data description	Capture values and frequency	Capture method	Feature (if subscribed)
Vehicle/implement controller diagnostic readings & recordings - all systems		Service ADVISOR™/ Service ADVISOR Remote	Service ADVISOR/ Service ADVISOR Remote
Vehicle location, altitude	Location and altitude captured at 30 minute frequency or less (or whenever a diagnostic trouble code is identified) (scheduled location and altitude capture when more frequent than 30 minutes is considered Production Data)	GPS on Modular Telematics Gateway	JDLink™ Select with Remote Display Access or JDLink Ultimate with Remote Display Access
Vehicle performance, settings and diagnostic trouble code event data for the following vehicle systems: -Engine -Powertrain -Electrical -Hydraulic -Hitch/PTO -Operator station (no throughput/yield data)	Diagnostic trouble codes: Critical codes immediately upon being triggered Performance data: High/average/low values every 30 minutes OR at the point of a critical diagnostic trouble code being triggered Settings: Current settings and high/average/low values every 30 minutes OR at the point of a critical diagnostic trouble code being triggered	Data logger on Modular Telematics Gateway	JDLink Ultimate with Remote Display Access
Construction and forestry vehicles only – Working tool/attachment performance, settings and diagnostic trouble code event data (no throughput/yield data)	Diagnostic trouble codes: Critical codes immediately upon being triggered Performance data: High/average/low values every 30 minutes OR at the point of a critical diagnostic trouble code being triggered Settings: Current settings and high/average/low values every 30 minutes OR at the point of a critical diagnostic trouble code being triggered	Data logger on Modular Telematics Gateway	JDLink Ultimate with Remote Display Access, TimberLink™, TimberOffice™

<p>Agricultural only – Self-propelled vehicle production system performance, settings and diagnostic trouble code event data</p> <p>(e.g. self-propelled combine harvester, self-propelled forage harvester, self-propelled sprayer)</p> <p>(no throughput/yield data)</p>	<p>Diagnostic trouble codes: Critical codes immediately upon being triggered</p> <p>Performance data: High/average/low values every 30 minutes OR at the point of a critical diagnostic trouble code being triggered</p> <p>Settings: Current settings and high/average/low values every 30 minutes OR at the point of a critical diagnostic trouble code being triggered</p>	Data logger on Modular Telematics Gateway	JDLink™ Ultimate with Remote Display Access
Construction dump truck and front-end loader vehicles only – Self-propelled vehicle production system payload weight data	Weight data: Totals values every 30 minutes	Data logger on Modular Telematics Gateway	JDLink Ultimate with Remote Display Access
Vehicle usage states and cycles	<p>Summary time in each operational state, including:</p> <ul style="list-style-type: none"> -Tractor/Sprayer/Self-Propelled Forage Harvester: Working, Idle, Transport, AutoTrac™ On/Off -Combine Harvester: Harvesting-Not Unloading, Harvesting-Unloading, Stopped-Unloading, Idle, Transport, AutoTrac On/Off -Excavator: Working, Idle, Engine Mode Setting -Front-End Loader: Working, Idle, Ride Control, Transmission Gear -Dozer: Working, Idle, Forward vs. Reverse, Grade Control On/Off -Motor Grader: Working, Idle, Forward vs. Reverse, Grade Control On/Off -Tree Harvester: Working, Idle, Transport, Felling, Processing 	Data logger on Modular Telematics Gateway	JDLink Ultimate with Remote Display Access, TimberLink™, TimberOffice™
Maintenance event logs	As entered into off-board software OR entered in the in-cab display	JDLink or JDLink partner systems	JDLink Ultimate with Remote Display Access, TimberOffice, TimberMatic™, TimberRite™

Production Data – Data that generally relate to the work you do with the equipment and the land on which the work is performed.

Data description	Capture values and frequency	Capture method	Feature (if subscribed)
Vehicle location, altitude	Scheduled location and altitude captured at up to 5 times per second (but less frequent than 30 minute schedule which is classified as Machine Data)	GPS on Modular Telematics Gateway or StarFire™ Receiver	Location History, Apex™ Farm Management Software or EIC partner system, Wireless Data Transfer
Agriculture only – Production system crop and product identifiers (seed variety, product formulation, etc.)	As entered into off-board software OR entered on or uploaded to the in-cab display	MyJohnDeere, GreenStar™ display, EIC partner systems	Apex or EIC partner system, Wireless Data Transfer
Agriculture only – Production system target rates/depths (seeding, applications, tillage, etc.)	As entered into off-board software OR entered on or uploaded to the in-cab display	MyJohnDeere, GreenStar display, EIC partner systems	Apex or EIC partner system, Wireless Data Transfer
Field/worksite boundaries	As captured by GPS devices in and out of the vehicle and entered into off-board software to field boundaries or forestry cut-block lines to be uploaded to the in-cab display	GreenStar or other displays, TimberNavi™	Apex or EIC partner system, Wireless Data Transfer, TimberNavi
Agriculture only – Guidance lines	As captured by GPS devices in and out of the vehicle and entered into off-board software to create guidance lines to be uploaded to the in-cab display	GreenStar display	Apex or EIC partner system, Wireless Data Transfer
Agriculture only – Production system as-seeded/planted rates, as-applied rates, as-tilled depths and as-harvested moisture/yield/constituents	Up to 5 times per second	Collected from the implement controller with the GreenStar display	Apex or EIC partner system, Wireless Data Transfer

Agriculture only – Detailed production system settings levels, tank levels and performance data (combine harvester header/separator/grain tank, forage harvester header/processor, sprayer tank/boom, planter/seeder tank/row unit, tillage gang, etc.)	Up to 5 times per second (more frequent than 30 minutes)	Collected from the implement controller with the GreenStar™ display or with data logger on Modular Telematics Gateway	Location History, Apex™ or EIC partner system, Wireless Data Transfer
Agriculture only – Detailed environmental readings (temperature, humidity, wind speed, soil moisture, etc.)	Up to 5 times per second	Collected from the implement controller with the GreenStar display, with data logger on Modular Telematics Gateway, or through Field Connect probe	Apex or EIC partner system, Wireless Data Transfer, Field Connect
Agriculture only – Task plan/job plan/work plan/work order referenced setup and output data inclusive of data above	Up to 5 times per second	MyJohnDeere, GreenStar display, EIC partner systems	Apex or EIC partner system, Wireless Data Transfer
Forestry only – machine productivity and performance data - measures how well machines perform compared to a baseline – includes vehicle usage states, cycles, and fuel efficiency (does not include forestry production data files as defined by the industry standard “Standard for Forest machine Data and Communication” – see Other Data)	As entered by into off-board software OR collected on or uploaded to the in-cab display	Vehicle controllers, In-Cab Display	TimberOffice™, TimberLink™, Wireless Data Transfer, Machine Performance Reports

Other Data – Data that we identify for special handling.

Data description	Capture values and frequency	Capture method	Feature (if subscribed)
Agriculture only – Variable production system target rates/depths (variable rate prescriptions) for seeding and applications	As entered in off-board software to create a variable rate prescription to be uploaded to the in-cab display	MyJohnDeere, Apex™ or EIC partner systems	Apex or EIC partner system, Wireless Data Transfer
Operator-entered notes	As entered in to display	GreenStar™ display or In-Cab Display	Apex or EIC partner system, Wireless Data Transfer
Forestry only – Forestry production data files as defined by the industry standard “Standard for Forest machine Data and Communication”- includes species identifiers, volumes harvested, and other information	As entered by into off-board software OR collected on or uploaded to the in-cab display	In-Cab Display	TimberMatic™, TimberRite™, TimberOffice™, TimberNavi™, Wireless Data Transfer
Forestry only – Forestry production target settings and bucking or cutting instructions	As entered by into off-board software OR collected on or uploaded to the in-cab display	In-Cab Display	TimberMatic, TimberRite, TimberOffice, Wireless Data Transfer
Construction only – Construction grade control design and as-built files	As entered by into off-board software OR collected on or uploaded to the in-cab display	In-Cab Display	Wireless Data Transfer of Grade Control Information