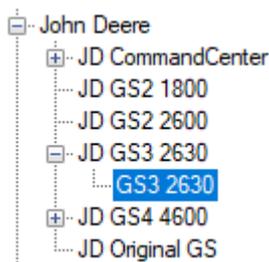


Getting the best from the John Deere Gen 4 import

Getting the best from the import starts with carrying out an export from the Gatekeeper system of information such as field and farm lists, spatial boundaries and guidance lines. These lists can then be used on the Gen 4 Device to ensure consistency with Gatekeeper resulting in easier import of data.

Exporting Setup Data

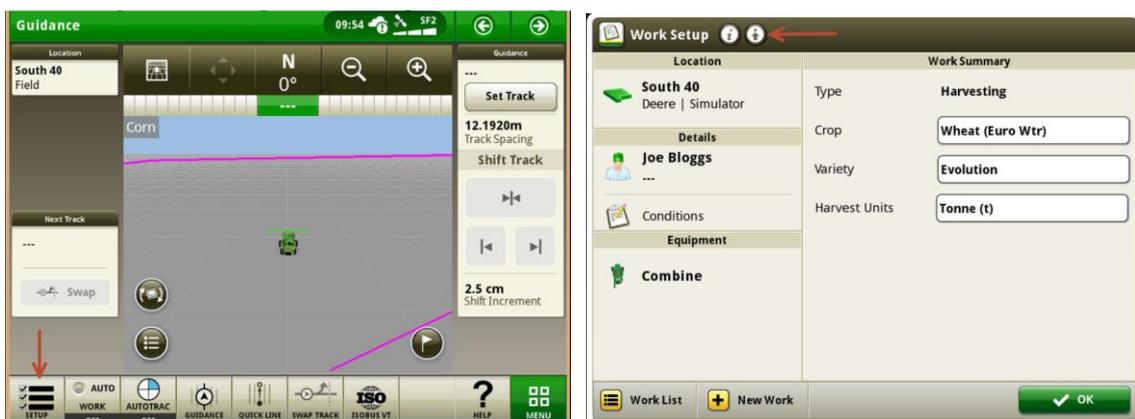
Within Gatekeeper carry out a normal export under the GS3 2630 device format. This can be used by the Gen4 display to provide lists of field names, boundaries and guidance lines.

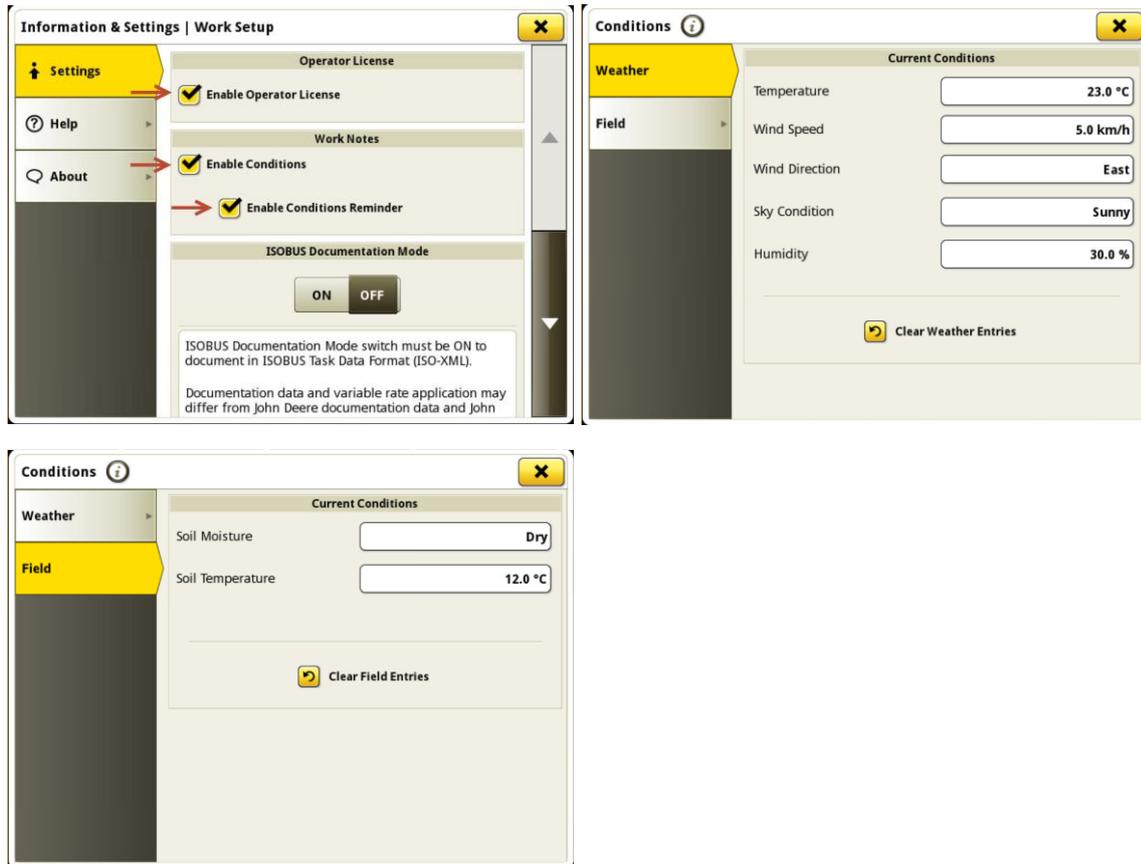


Should you wish to export Gatekeeper Jobs as Shape files see [Working with Shape files and John Deere Gen 4.](#)

Data capture on Gen4

To get the best out of the data capture whilst using a John Deere Gen4 display it is advised that users turn on the ability to capture operator and HSE data from within the Setup button. This will allow the logging of this data per field and the subsequent recording of it within Gatekeeper.





Gatekeeper Import Options

Should the data be imported via your MyJohnDeere API then there is an archive of the data on the portal. If however you are importing data directly from a USB stick we advise that the data is backed-up to a local drive before importing.

The Gen4 data is around 10x larger than previous formats. It is therefore recommended that the following Gatekeeper import options are not used as these will result in a slower import experience.

Import Options		
<input checked="" type="checkbox"/> Preview imported data by the job	<input type="checkbox"/> Clip job plots to field boundary (if any are removed product quantities are recalculated)	<input type="checkbox"/> Work done uses outstanding field area
<input type="checkbox"/> Job maps NOT to be saved	<input checked="" type="checkbox"/> Keep all out of work job plots	<input type="checkbox"/> Store job plot height data
	<input checked="" type="checkbox"/> Auto find job field by GK boundary	
	<input type="checkbox"/> Historic yield maps import mode	

Additionally, we do not recommend that you try to load up the entire year's harvest data in one go. Handling large amounts of Gen 4 data in Gatekeeper will be extremely slow and may cause the application to hang (go in to Not Responding) whilst it works its way through processing the data.

This can be managed by opening the folder structure of the Gen4 data and ensuring that the number of folders within the log folder are kept to a minimum.

- ▼  Containing Folder Name
- ▼  JD-Data
- ▼  log
 -  2019_Farmer Name_Crop_Field Name

Name	Date modified	Type	Size
 1b476397-f9f0-4ed0-8a3a-1a7bc75dc540....	07/08/2019 00:30	JDL File	111 KB
 6f79a6fa-f5fc-4e1d-9fc1-7ffdac9c330c.jdl	07/08/2019 00:30	JDL File	219 KB
 8a8c3b20-b1a7-4e35-a690-9580aabec773...	07/08/2019 00:30	JDL File	339 KB
 9a4bde37-98a1-428c-9d7e-f60e6eeffb1e.jdl	07/08/2019 00:30	JDL File	394 KB
 50f2fd29-4e94-4866-a33c-ade5c7d60bf1.jdl	07/08/2019 00:30	JDL File	192 KB
 70aa75e2-f876-40e0-a15f-bb38dc29ba8f.jdl	07/08/2019 00:30	JDL File	239 KB
 93f7b149-8a8e-4019-a41a-dc7d98326beb...	07/08/2019 00:30	JDL File	12 KB
 196bcd2-9af3-4374-90cf-39bf4cd7b8f0.jdl	07/08/2019 00:30	JDL File	192 KB
 578cc18a-d1a4-48a7-bd40-c34adffd8e0....	07/08/2019 00:30	JDL File	286 KB
 1216b663-6594-4612-bcac-10d68bb86525...	07/08/2019 00:30	JDL File	12 KB
 5055b72b-8018-4b8c-a8c6-46597a30a542...	07/08/2019 00:30	JDL File	205 KB
 7324f67d-f21e-46f0-a22f-a7ec06201245.jdl	07/08/2019 00:30	JDL File	267 KB
 4465769e-babc-4430-9882-7fdbdfa2defb....	07/08/2019 00:30	JDL File	36 KB
 c95bf906-4c7b-4b64-8a43-8456f5d5f5be2.j...	07/08/2019 00:30	JDL File	263 KB
 e9b9ad90-f031-4b02-a9ca-7b29b131c5c7...	07/08/2019 00:30	JDL File	194 KB
 efa27f9c-acd1-42b4-8f8f-5c5f4d715be9.jdl	07/08/2019 00:30	JDL File	57 KB