

# Horizon OS

## Full-Featured, Customizable In-Cab Software

As the hub for in-field tasks, Topcon Horizon Operating Software provides leading capability with full-feature customization. Customers can optimize their investment and pay only for features needed. Now including Topcon Agriculture Platform (TAP) integration, features are easily activated and data can be automatically uploaded straight from the cab. Off-the-shelf unlocked features include Guidelines, Tasks, ISO-UT, and TAP Market. All additional Horizon OS features are easily accessible and unlockable utilizing the TAP Market through the console or PC.



FEATURE	XD ( 7 in.)	XD+ ( 12.1 in.)	X25 ( 8.3 in.)	X35 ( 12.1 in.)
<b>Horizon XTEND™</b>	•	•	•	•
<b>ISOBUS Weight Information (Scale Link)</b>	•	•	•	•
<b>Boom Height Control (Norac Systems)</b>	•	•	•	•
<b>Crop Health Monitoring (CropSpec)</b>	•	•	•	•
<b>Spraying Auto Section Control (ASC-10)</b>	Up to 30	Up to 30	Up to 30	Up to 30
<b>ISOBUS Auto Section Control</b>	100+	100+	100+	100+
<b>Seeding Application Control (Artemis)</b>	•	•	•	•
Products	1 + VRC	1 + VRC	1 + VRC	1 + VRC
Sections	Up to 4*	Up to 4*	Up to 4*	Up to 4*
<b>Advanced Seeding Application Control (Apollo)</b>	•	•	•	•
Products	4 + VRC	8 + VRC	4 + VRC	8 + VRC
Sections	Up to 12	Up to 12	Up to 12	Up to 12
<b>Advanced Spraying Application Control (Apollo)</b>	•	•	•	•
Products	4 + VRC*	4 + VRC*	4 + VRC*	8 + VRC*
Sections	100+	100+	100+	100+
<b>Spreading Application Control (Athene)</b>	•	•	•	•
Products	1 + VRC	1 + VRC	1 + VRC	1 + VRC
Sections	1	1	1	1
<b>Harvest Yield Monitoring (YieldTrakk™)</b>	•	•	•	•
<b>Water Conservation</b>		•		•

*Note: This table reflects the full scope of capabilities after all available feature unlocks.*

# TAP Market Features

## Bundled or customizable feature sets

### Explore Horizon OS unlocks by X Family Console below

FEATURE	DESCRIPTION	XD (Customizable)	XD+ (Customizable)	X25 (Bundled)	X35 (Bundled)
<b>Guidance</b>					
<b>Guidelines</b>	*Basic guidance, including on-screen waylines and lightbar.	Included	Included	Included	Included
<b>Autosteer</b>	*Automatic steering Included with 30 cm SBAS correction services. Access to full range of correction networks, including satellite, cellular, Wi-Fi and base station, down to 2 cm RTK.	Unlock	Unlock	Included	Included
<b>Headland Turns</b>	Automatically generate and execute turn at end of row for seamless transition into next pass.	Unlock	Unlock	Unlock	Unlock
<b>Tramlines</b>	Visualize and optimize waylines with respect to application machinery width.	Unlock	Unlock	Included	Included
<b>Controlled Traffic</b>	View multiple guidance paths (up to 20) at the same time with operating waylines easily differentiated from surrounding tasks.	Unlock	Unlock	Unlock	Unlock
<b>Machine to Machine***</b>	*Collaborate multiple machines (up to 100) on a single task and share data in real time. Includes integrated automatic section control to prevent accidental application.	Unlock	Unlock	Unlock	Unlock
<b>XTEND</b>	*Extend user interface of console to mobile iOS or Android device.	Unlock	Unlock	Unlock	Unlock
<b>Cameras</b>	*Enable display for digital cameras (up to 4 AgCams).	Unlock	Unlock	Unlock	Unlock
<b>Third-party NMEA Receivers</b>	Support for third-party NMEA and NMEA 2000 receivers to provide GNSS position information to the console.	Unlock	Unlock	Unlock	Included
<b>External Applications</b>	Enable display for Topcon approved third-party software applications.	Unlock	Unlock	N/A	N/A
<b>Digital Farm Management</b>					
<b>Tasks</b>	Task management including data logging and full stack of geospatial field profiling tools.	Included	Included	Included	Included
<b>TAP Fields**</b>	Easily manage subscriptions, upload and manage all farm data. Includes Market, Dashboard, Storage and Fields apps.	Included	Included	Included	Included
<b>TAP Pro</b>	*Constant connectivity, enabling Automatic Sync, Fleet Management and Remote Support.	Unlock	Unlock	Unlock	Unlock
<b>Weather Station</b>	*Enable display for AirMar 150WX Weather Station.	Unlock	Unlock	Unlock	Unlock
<b>Monitoring, Mapping and Logging</b>					
<b>CropSpec Monitoring</b>	*Enable display for CropSpec Crop Monitoring solution.	Unlock	Unlock	Included	Included
<b>Yield Monitoring</b>	*Enables display for Topcon real-time yield monitoring, mapping and logging solution.	Unlock	Unlock	Unlock	Unlock
<b>Implement and Application Control</b>					
<b>Auto Section Control</b>	*Automatic section control for compatible application controllers.	Unlock	Unlock	Included	Included
<b>Variable Rate Control</b>	*Variable rate control for compatible application controllers.	Unlock	Unlock	Unlock	Included
<b>Additional Seeder Tanks</b>	*Adds support for seeder implements with 3 or more tanks.	Unlock	Unlock	Unlock	Included
<b>Additional Spreader Bins</b>	*Adds support for spreader implements with dual belts and up to 4 bins.	Unlock	Unlock	Unlock	Included
<b>Additional Sprayer Tanks</b>	*Adds support for sprayer implements with up to 4 tanks.	Unlock	Unlock	Unlock	Included
<b>Boom Height Control</b>	*Enable display for Norac boom height control solution.	Unlock	Unlock	Included	Included
<b>Hypro ProStop-E</b>	*Support for Hypro Pentair CAN controlled nozzle system to provide individual nozzle control on the boom.	Unlock	Unlock	Unlock	Unlock
<b>Water Conservation</b>	*Enable display for access to full suite of Topcon landforming technology, including survey, design and execution.	N/A	Unlock	N/A	Unlock
<b>ISOBUS Control</b>					
<b>ISO-UT</b>	Display compatibility for ISOBUS protocol solutions.	Included	Included	Included	Included
<b>ISOBUS Implement Profiles</b>	*Enables display for ISOBUS implement control and task logging, up to 2 products.	Unlock	Unlock	Included	Included
<b>Additional ISOBUS Products</b>	*Adds support for up to 4 ISO products.	Unlock	Unlock	Unlock	Included

\*Additional hardware required.

\*\*TAP Fields is only free for first year.

\*\*\*Future release.

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 7010-2315 A 9/20

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