







Topcon Horizon OS

Guidance, Steering and Control Software

Customizable Based Upon Needs

As the hub for in-field tasks, Topcon Horizon Operating Software provides powerful capability and feature customization. From autosteering to implement control and crop monitoring, optimize your investment and

unlock what's right for your operation. All additional Horizon OS features are easily accessible and unlockable via the TAP Market through the console or PC.

						
Feature	XC1	XC1 plus	XD	XD+	X25	X35
Software	Horizon Lite	Horizon Lite	Horizon	Horizon	Horizon	Horizon
Screen Size	7"	10"	7"	12.1"	8.3"	12.1"
Topcon ISOBUS Solutions	ISO-UT Only	ISO-UT Only	Yes	Yes	Yes	Yes
Tillage Depth Control (Norac)	ISO-UT Only	ISO-UT Only	Yes	Yes	Yes	Yes
Seed Drill Control (Artemis AS-1X)	ISO-UT Only	ISO-UT Only	Yes	Yes	Yes	Yes
Row Crop Planting Control (CM-20)	ISO-UT Only	ISO-UT Only	Yes	Yes	Yes	Yes
Spraying Control (CM-20 Sprayer)	ISO-UT Only	ISO-UT Only	Yes	Yes	Yes	Yes
Spreading Control (Athene SM-1X / SM-3X)	ISO-UT Only	ISO-UT Only	Yes	Yes	Yes	Yes
Boom Height Control (Norac)	ISO-UT Only	ISO-UT Only	Yes	Yes	Yes	Yes
Specialty Crop Yield Monitoring (YM-2)	ISO-UT Only	ISO-UT Only	Yes	Yes	Yes	Yes
Weight Information (Scalelink)	ISO-UT Only	ISO-UT Only	Yes	Yes	Yes	Yes
Topcon Premium Horizon OS Solutions	-	-	Yes	Yes	Yes	Yes
3D Landforming (MC-X1)	-	-	-	Yes	-	Yes
Broad Acre Seeding Control (Apollo CM-40)	-	-	Yes	Yes	Yes	Yes
Spraying Control (Apollo CM-40)	-	-	Yes	Yes	Yes	Yes
Crop Monitoring (CropSpec)	-	-	Yes	Yes	Yes	Yes
Grain Crop Yield Monitoring (YM-3)	-	-	Yes	Yes	Yes	Yes
Digital Farm Management	Yes	Yes	Yes	Yes	Yes	Yes
Data Transfer Devices	Yes (CL-20 Only)	Yes (CL-20 Only)	Yes	Yes	Yes	Yes

TAP Market Features

Explore Horizon unlocks by X Family Console

Feature	Description	XC1	XC1 plus	XD	XD+	X25	X35
Guidance							
Guidelines ¹	Basic guidance, including on-screen waylines and lightbar.	Included	Included	Included	Included	Included	Included
Autosteer ¹	Automatic steering Included with 30cm SBAS correction services. Access to full range of correction networks, including satellite, cellular, Wi-Fi and base station, down to 2cm RTK.	Included	Included	Unlock	Unlock	Included	Included
Steer to Boundary	Generates guidance line from boundary to follow with Autosteer	Included	Included	Included	Included	Included	Included
Guidelock	Generates guidance line based upon last passes coverage	Included	Included	Included	Included	Included	Included
Headland Turns	Automatically generate and execute turn at end of row for seamless transition into next pass.	Unlock	Unlock	Unlock	Unlock	Unlock	Unlock
Tramlines	Visualize and optimize waylines with respect to application machinery width.	-	-	Unlock	Unlock	Unlock	Unlock
Controlled Traffic	View multiple guidance paths at the same time with operating waylines easily differentiated from surrounding tasks.	-	-	Unlock	Unlock	Unlock	Unlock
Machine Link ¹	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
XTEND ¹	Extend user interface of console to mobile iOS or Android device.	-	-	Unlock	Unlock	Unlock	Unlock
Cameras ¹	Enable display for digital cameras (up to 4 AgCams).	-	-	Unlock	Unlock	Unlock	Unlock
Third-party NMEA Receivers	Support for third-party NMEA and NMEA 2000 receivers to provide GNSS position information to the console.	-	-	Unlock	Unlock	Unlock	Included
External Applications	Enable display for Topcon approved third-party software applications.	-	-	Unlock	Unlock	-	-
Virtual Wheel Angle Sensor	Digital wheel angle sensor replacing need for mechanical sensor.	Unlock	Unlock	-	-	-	-

Note: Various Unlocks may be free in certain regions. Contact at Topcon sales representative for more information

¹Additional hardware required. ²TAP Fields is free for first 30 days. ³Subscription required. ⁴Virtual implement only.

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Digital Farm Management							
Tasks	Task management including data logging and full stack of geospatial field profiling tools.	Included	Included	Included	Included	Included	Included
TAP Fields ^{2,3}	Easily manage subscriptions, upload and manage all farm data. Includes Market, Dashboard, Storage and Fields apps.	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible
TAP Fleet ^{1,3}	Track the fleet and monitor metrics.	-	-	Compatible	Compatible	Compatible	Compatible
TAP Pro ^{1,3}	Constant connectivity, enabling Automatic Sync, Fleet Management and Remote Support.	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible
Weather Station ¹	Enable display for AirMar 150WX Weather Station.	-	-	Unlock	Unlock	Unlock	Unlock
Monitoring, Mapping and Logging							
CropSpec Monitoring ¹	Enable display for CropSpec Crop Monitoring solution.	ISO-UT Only	ISO-UT Only	Unlock	Unlock	Included	Included
Yield Monitoring ¹	Enables display for Topcon real-time yield monitoring, mapping and logging solution.	ISO-UT Only	ISO-UT Only	Unlock	Unlock	Unlock	Unlock
Implement and Application Control							
Auto Section Control ¹	Automatic section control for compatible application controllers.	Included ⁴	Included ⁴	Unlock	Unlock	Included	Included
Variable Rate Control ¹	Variable rate control for compatible application controllers.	-	-	Unlock	Unlock	Unlock	Included
Additional Seeder Tanks ¹	Adds support for seeder implements with 3 or more tanks.	-	-	Unlock	Unlock	Unlock	Included
Additional Spreader Bins ¹	Adds support for spreader implements with dual belts and up to 4 bins.	-	-	Unlock	Unlock	Unlock	Included
Additional Sprayer Tanks ¹	Adds support for sprayer implements with up to 4 tanks.	-	-	Unlock	Unlock	Unlock	Included
Boom Height Control ¹	Enable display for Norac boom height control solution.	ISO-UT Only	ISO-UT Only	Unlock	Unlock	Included	Included
Hypro ProStop-E ¹	Support for Hypro Pentair CAN controlled nozzle system to provide individual nozzle control on the boom.	-	-	Unlock	Unlock	Unlock	Unlock
Water Conservation ¹	Enable display for access to full suite of Topcon landforming technology, including survey, design and execution.	-	-	-	Unlock	-	Unlock

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ISOBUS Control							
ISO-UT	Display compatibility for ISOBUS protocol solutions.	Unlock	Unlock	Included	Included	Included	Included
ISO TC	Integrate with ISOBUS ECUs for automatic control and mapping integration	-	-	Included	Included	Included	Included
ISOBUS Implement Profiles ¹	Enables display for ISOBUS implement control and task logging, up to 2 products.	-	-	Unlock	Unlock	Included	Included
Additional ISOBUS Products ¹	Adds support for up to 4 ISO products.	-	-	Unlock	Unlock	Unlock	Included
Support							
Remote Support	Allows 3rd party to remotely connect for support purposes	Included	Included	Included	Included	Included	Included

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