# 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.) |
|---|---|---|---|---|
| **Horizon XTEND™** | • | • | • | • |
| **ISOBUS Weight Information (Scale Link)** | • | • | • | • |
| **Boom Height Control (Norac Systems)** | • | • | • | • |
| **Crop Health Monitoring (CropSpec)** | • | • | • | • |
| **Spraying Auto Section Control (ASC-10)** | Up to 30 | Up to 30 | Up to 30 | Up to 30 |
| **ISOBUS Auto Section Control** | 100+ | 100+ | 100+ | 100+ |
| **Seeding Application Control (Artemis)** | • | • | • | • |
|     Products | 1 + VRC | 1 + VRC | 1 + VRC | 1 + VRC |
|     Sections | Up to 4* | Up to 4* | Up to 4* | Up to 4* |
| **Advanced Seeding Application Control (Apollo)** | • | • | • | • |
|     Products | 4 + VRC | 8 + VRC | 4 + VRC | 8 + VRC |
|     Sections | Up to 12 | Up to 12 | Up to 12 | Up to 12 |
| **Advanced Spraying Application Control (Apollo)** | • | • | • | • |
|     Products | 4 + VRC* | 4 + VRC* | 4 + VRC* | 8 + VRC* |
|     Sections | 100+ | 100+ | 100+ | 100+ |
| **Spreading Application Control (Athene)** | • | • | • | • |
|     Products | 1 + VRC | 1 + VRC | 1 + VRC | 1 + VRC |
|     Sections | 1 | 1 | 1 | 1 |
| **Harvest Yield Monitoring (YieldTrakk™)** | • | • | • | • |
| **Water Conservation** | | • | | • |

*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) |
|---|---|---|---|---|---|
| **Guidance** | | | | | |
| **Guidelines** | *Basic guidance, including on-screen waylines and lightbar. | Included | Included | Included | Included |
| **Autosteer** | *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 |
| **Headland Turns** | Automatically generate and execute turn at end of row for seamless transition into next pass. | Unlock | Unlock | Unlock | Unlock |
| **Tramlines** | Visualize and optimize waylines with respect to application machinery width. | Unlock | Unlock | Included | Included |
| **Controlled Traffic** | View multiple guidance paths (up to 20) at the same time with operating waylines easily differentiated from surrounding tasks. | Unlock | Unlock | Unlock | Unlock |
| **Machine to Machine*** | *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** | *Extend user interface of console to mobile iOS or Android device. | Unlock | Unlock | Unlock | Unlock |
| **Cameras** | *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 | N/A | N/A |
| **Digital Farm Management** | | | | | |
| **Tasks** | Task management including data logging and full stack of geospatial field profiling tools. | Included | Included | Included | Included |
| **TAP Fields**** | Easily manage subscriptions, upload and manage all farm data. Includes Market, Dashboard, Storage and Fields apps. | Included | Included | Included | Included |
| **TAP Pro** | *Constant connectivity, enabling Automatic Sync, Fleet Management and Remote Support. | Unlock | Unlock | Unlock | Unlock |
| **Weather Station** | *Enable display for AirMar 150WX Weather Station. | Unlock | Unlock | Unlock | Unlock |
| **Monitoring, Mapping and Logging** | | | | | |
| **CropSpec Monitoring** | *Enable display for CropSpec Crop Monitoring solution. | Unlock | Unlock | Included | Included |
| **Yield Monitoring** | *Enables display for Topcon real-time yield monitoring, mapping and logging solution. | Unlock | Unlock | Unlock | Unlock |
| **Implement and Application Control** | | | | | |
| **Auto Section Control** | *Automatic section control for compatible application controllers. | Unlock | Unlock | Included | Included |
| **Variable Rate Control** | *Variable rate control for compatible application controllers. | Unlock | Unlock | Unlock | Included |
| **Additional Seeder Tanks** | *Adds support for seeder implements with 3 or more tanks. | Unlock | Unlock | Unlock | Included |
| **Additional Spreader Bins** | *Adds support for spreader implements with dual belts and up to 4 bins. | Unlock | Unlock | Unlock | Included |
| **Additional Sprayer Tanks** | *Adds support for sprayer implements with up to 4 tanks. | Unlock | Unlock | Unlock | Included |
| **Boom Height Control** | *Enable display for Norac boom height control solution. | Unlock | Unlock | Included | Included |
| **Hypro ProStop-E** | *Support for Hypro Pentair CAN controlled nozzle system to provide individual nozzle control on the boom. | Unlock | Unlock | Unlock | Unlock |
| **Water Conservation** | *Enable display for access to full suite of Topcon landforming technology, including survey, design and execution. | N/A | Unlock | N/A | Unlock |
| **ISOBUS Control** | | | | | |
| **ISO-UT** | Display compatibility for ISOBUS protocol solutions. | Included | Included | Included | Included |
| **ISOBUS Implement Profiles** | *Enables display for ISOBUS implement control and task logging, up to 2 products. | Unlock | Unlock | Included | Included |
| **Additional ISOBUS Products** | *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.*

---

**www.topconagriculture.com**

**LH AGRO®**
SUPPLYING SUPPORTED SOLUTIONS

Call - 01480 496 367
Email - sales@lh-agro.co.uk