Skydio X2E for Secure Online Operations

Skydio X2E, the ultimate UAS for situational awareness, asset inspection, and security patrol is designed from the ground up with security in mind, making it ideally suited to perform sensitive missions, especially for law enforcement agencies.

NDAA Compliant

X2E meets the highest levels of supply chain security demanded by the US government, including compliance with Section 848 of the FY20 National Defense Authorization Act (NDAA).

End-to-end Cybersecurity

Every facet of Skydio X2E solution—from the aircraft, to the ground station, to the US-designed and hosted Skydio Cloud—delivers best-in-class cybersecurity protections:

- Signed and encrypted firmware on the X2E vehicle
- Encrypted hard drive and password protection on the Skydio Enterprise Controller
- Data link encryption between vehicle and controller
- Secure local experience with the Skydio Enterprise App, which unlocks simple access to specialized skills such as Skydio 3D Scan™ for autonomous data capture, and Skydio Autonomy™ Enterprise Foundation, which includes 360 Superzoom, Point of Interest Orbit, Close Proximity Obstacle Avoidance, and Offline Maps
- Secure over the air updates for simple access to bug fixes and new features as they become available
- Access to simplified flight logging/reporting and fleet management analytics included with Skydio Fleet Manager
- Access to 3rd party partner integrations via a modern, secure, U.S. cloud-based API

Automatic Data Sync

To help Skydio offer you the most complete flight experience and a higher level of customer support, the following three systems sync data automatically with the Skydio Cloud:

1. **Vehicle Diagnostics:** Vehicle-generated error messages, hardware health diagnostic information, and events that help us triage customer issues, so we can effectively service warranty claims and other requests (vehicle firmware version, what skills were being run on-vehicle, etc).

2. **Flight Metadata:** This is collected per-flight and includes:

   - Vehicle ID
   - Flight ID
   - Takeoff Timestamp
   - Landing Timestamp
   - User ID
   - Phone ID
   - Software Version

3. **Mobile User Analytics:** Our Skydio Enterprise Controller gathers stick input and app usage data. This allows us to understand mobile app user-patterns and helps us solve customer issues.

NOTE: We only collect GPS or location information on all aforementioned systems when explicitly authorized and enabled by you, as described in the next section.

Full Control of Your Data

With subscriptions to Skydio Fleet Manager and Skydio Media Sync, the Skydio X2E will have the ability to upload data to Skydio Cloud as configured by your organization based on your security preferences.

1. **Fleet Management Telemetry**

   For organizations with a Skydio Fleet Manager license who have authorized and enabled GPS and Telemetry data capture, telemetry log files will be uploaded to enable scalable, data-driven operations. This data includes the following;

   - Vehicle GPS data
     - Latitude and Longitude in degrees
     - Altitude in Meters above MSL
     - Number of Satellites used
     - Horizontal and Vertical Accuracy Estimates
     - Velocity
   - Health Monitor Faults
   - Vehicle Battery Percentage
   - Gimbal Position
   - Height above takeoff
   - Wifi Signal Quality

2. **Photos, Video, Audio and 3D Scan Data**

   If an organization has purchased a Skydio Media Sync license, the Skydio X2E will be capable of uploading the following media, based on organization preference:

   - Images
   - Audio & Video
   - 3D Scan Data

3. **Flight Logs and Warranty Determination**

   Individual flight logs from the Skydio Enterprise App if you chose to do so can be uploaded to Skydio on demand to support warranty claims or other support functions. This data includes videos, images, location data, and other on-vehicle data collected during flight and is not uploaded until commanded by the user.