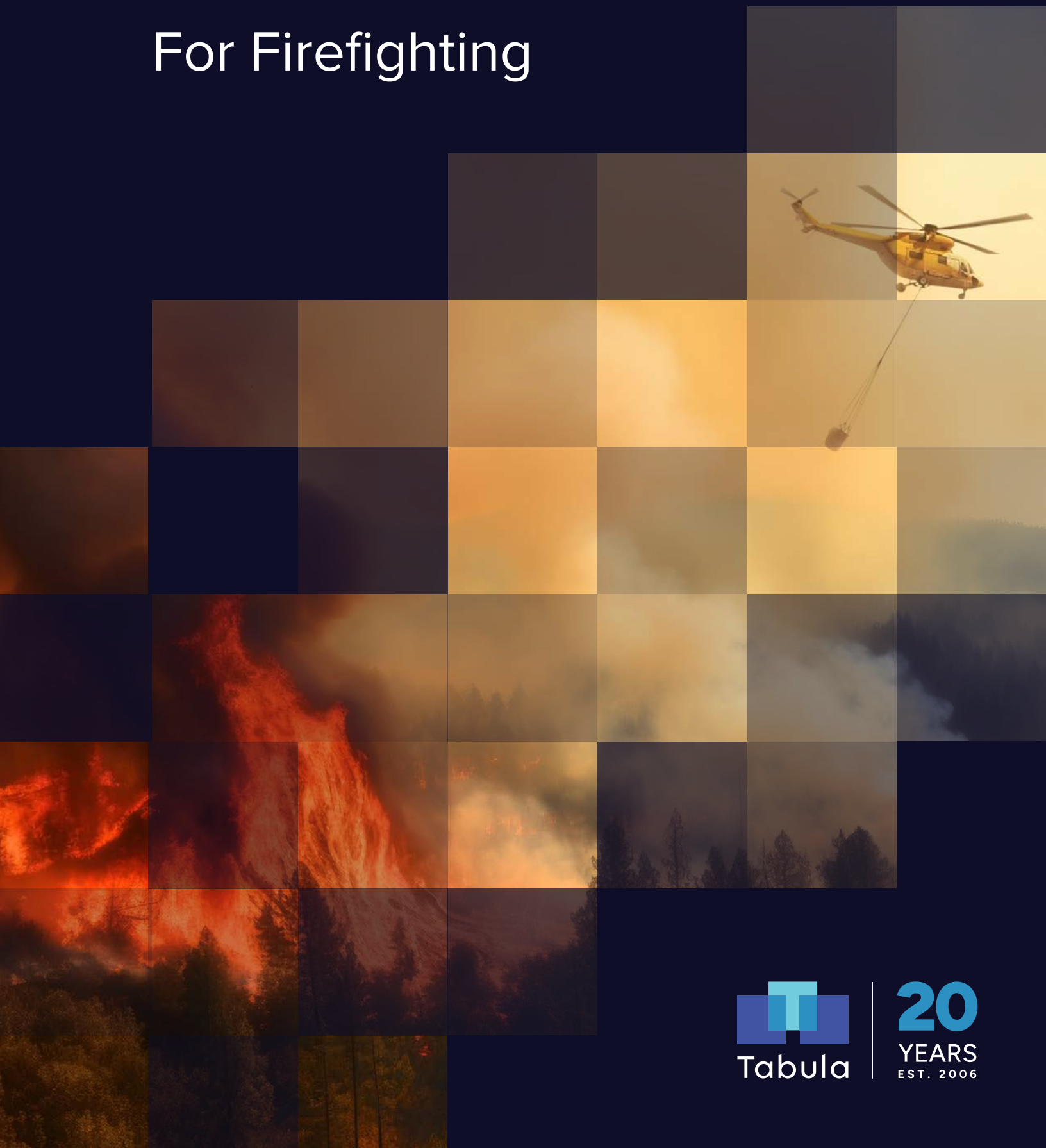
FIREVISION

For Firefighting



Tabula

20 YEARS EST. 2006

Aerial firefighting evolved

FIREVISION by Tabula

A connected system for real-time operations coordination.

FireVision is a visual, GPS-guided solution for managing aerial assets in real time on the fireground. Built on our proven AirVision platform, FireVision supports fire authorities and aerial contractors in the field. Crews benefit from clearer communication, improved coordination, and increased safety.

Smarter coordination. Better visibility.

Connecting aerial and ground operations in one platform. FireVision gives a second set of eyes on the fireground and develops with the latest in AI, modeling, and telemetry.

WhiteBoard situational overview

Use the WhiteBoard to dynamically map changing fire ground features and weather conditions and share these with all aerial assets. Mark and automatically share the location of mobile refueling stations and new / depleted dip points as the fire moves. Set and update aircraft entry, exit and exclusion corridors to improve pilot safety.

Navigate to job

Increase speed of the initial response to a reported fire by using GPS guided routes to designate the most direct route from base to the fire ground.

Real-time tracking

Have complete visibility of all air assets on the fireground and know where your pilots are at all times. Track and monitor aircraft from wheels up through to ETA at the fireground, task routes, refilling stops, and hours in the air. Pilots also have real-time visibility of other aircraft operating nearby, helping to improve coordination and reduce risk in busy airspace. Ground-based incident control vehicles and mobile refilling stations equipped with FireVision Command tablets or tracking devices are also tracked in FireVision.

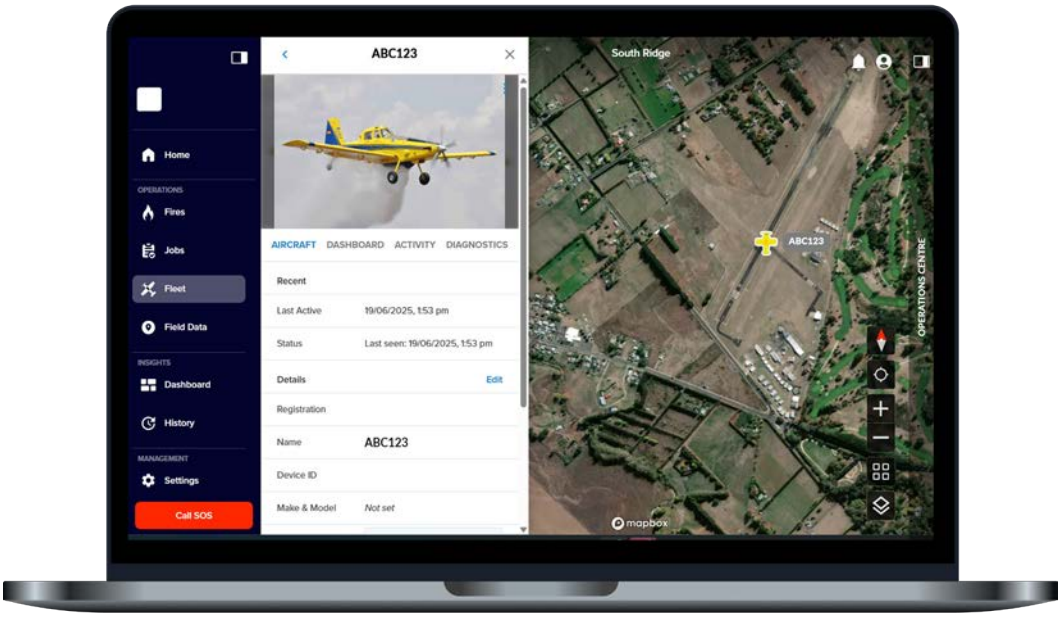
Dynamic task management

Plan, assign and dynamically update GPS guided control, suppression or surveillance tasks for maximum efficiency and effectiveness. Ensure clarity of instructions by sending tasks directly to the pilot's FireVision system and reducing radio clutter.

Increase efficiency and reduce circling and hold pattern activity through the ability to assign and coordinate tasks across multiple aircraft. Improve the effectiveness of tasks through the ability to visualize swath width of each aircraft and check placement of drops or control lines for gaps or overlaps in real-time. Update the task coordinates of later aircraft assigned to ensure efficient placement. Record and report on all activity to understand effectiveness of efforts.

Improved communication with pilot

Real-time linking of all FireVision systems allows command, ground, and air crews to visually share information about the fireground, weather, and task requirements—improving clarity and reducing reliance on radio communication. Updates are delivered instantly across all connected devices, helping crews stay aligned as conditions change. Communication between FireVision systems is via the cellular network and is Starlink-enabled.



Pilot and aircraft operational statistics

Track key metrics including take-offs, landings, pilot hours, and drop details and review post-event to support debriefs, training, and performance improvement.

Pilot safety

Increase pilot safety by displaying hazard icons for cell phone towers, power lines, highways and wind turbines on the FireVision cockpit system. Pilot marked hazards are automatically shared across all aircraft on the fire ground and weather hazards and general conditions shared by incident control.

Weather updates

Data from multiple fixed or mobile weather stations can be integrated into FireVision to share with pilots. Drop zones can be adjusted to account for wind strength and direction, suppression activities planned based on current and predicted weather conditions.

Live thermal imaging

See active fire through smoke.

An aircraft-mounted thermal camera captures a live view of the fireground, detecting heat through smoke that can obscure a pilot's view. Imagery is transmitted via satellite communications into FireVision Live, giving incident control a clear picture of where the fire is active.

With current thermal imagery available, teams cans see fire activity and make informed decisions for directing aircraft and targeting direct or indirect attack.

1. Record

A thermal camera mounted on the aircraft captures live imagery of the fireground.

2. See in the cockpit

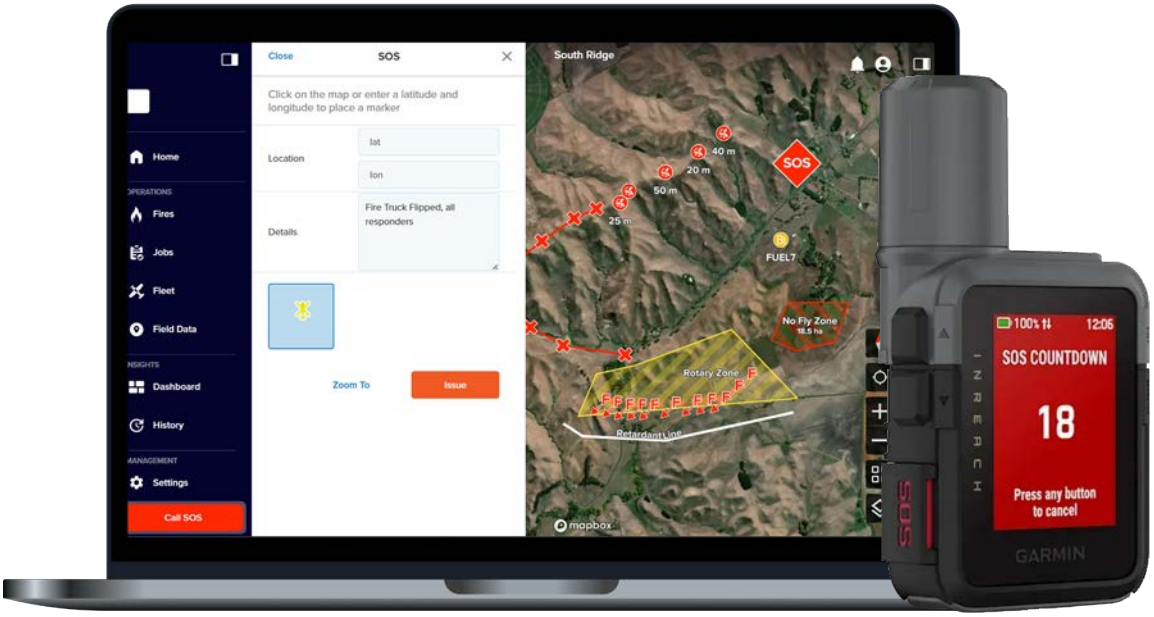
Live thermal imagery is displayed on the FireVision Tablet, helping the air attack operator identify active fire areas.

3. Transmit and view

Imagery is transmitted via Tabula Link using satellite communications into FireVision Live, giving an incident control center a current view of the fireground.

4. Share with the fleet

Incident control can make informed decisions and share fire location and tasking information with the rest of the aerial fleet.



SOS alert and response

Emergency response time is reduced by the ability to create and share a GPS enabled SOS request for assistance. Incident control assigns the SOS task and automatically generated navigation path to selected responders, tracking and sharing ETA and task progress until the SOS is resolved.

External device integration

Tabula seamlessly integrates with external communications devices, adding additional operational layers to the FireVision operations center. For example, personal locator devices like Garmin InReach can be tracked in real time and displayed on the operations screen—giving teams greater situational awareness and the ability to coordinate resources more effectively.

Partner integrations

Tabula FireVision integrates with leading providers to streamline in-cockpit workflows and keep operations moving.

Trusted by

Leading aerial firefighting organizations rely on FireVision for real-time visibility, coordination and proof in the field.

Tabula at a glance

6.7M acres per month

60K jobs processed every month

5 sectors of operation

Wildfire Management

Ag Aviation

Horticulture

Agriculture

Pest Management

Operating across **16** countries globally

Circling the globe with product application **1.7** times per day

60 Staff across the globe

Founded in **2006**

2B data points recorded annually

Offices across **United States** | **New Zealand** | **Australia** | **United Kingdom** | **Chile**

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