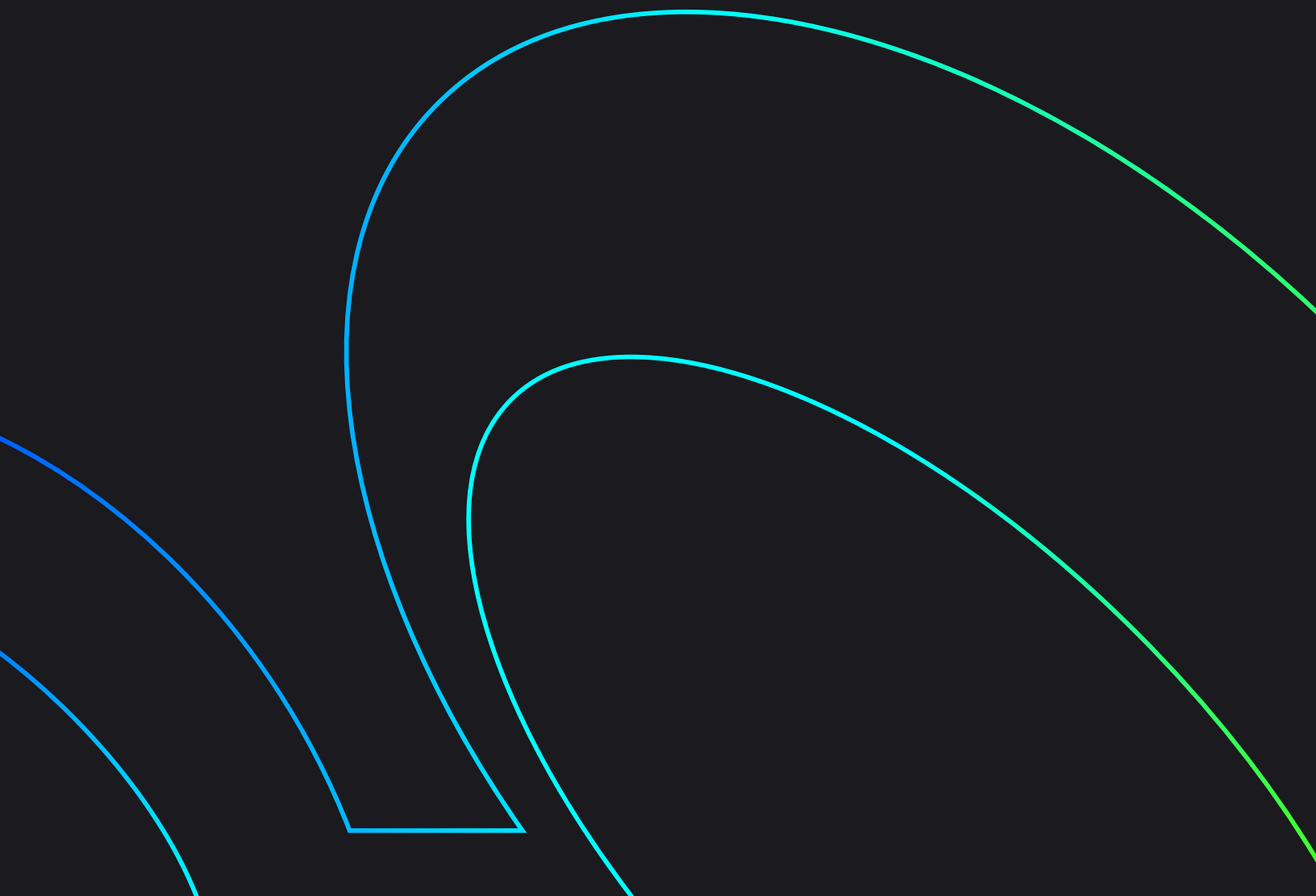
BROCHURE

Octave Alto Enterprise



Move from disconnected spatial data to controlled, enterprise-grade operations

Octave Alto Enterprise (formerly M.App Enterprise) helps organizations combine spatial, operational and field data in one configurable geospatial platform. Teams can monitor conditions, evaluate impact and act through guided workflows across desktop, browser and mobile experiences.

What it brings together

Maps, imagery, vectors, point clouds, IoT feeds, 3D data and business information

Who it supports

GIS experts, operational users, field crews, administrators and solution builders

Where it runs

On-premises, cloud, hybrid and containerized deployment models

How it scales

Role-based access, enterprise identity, auditing and multitenant administration

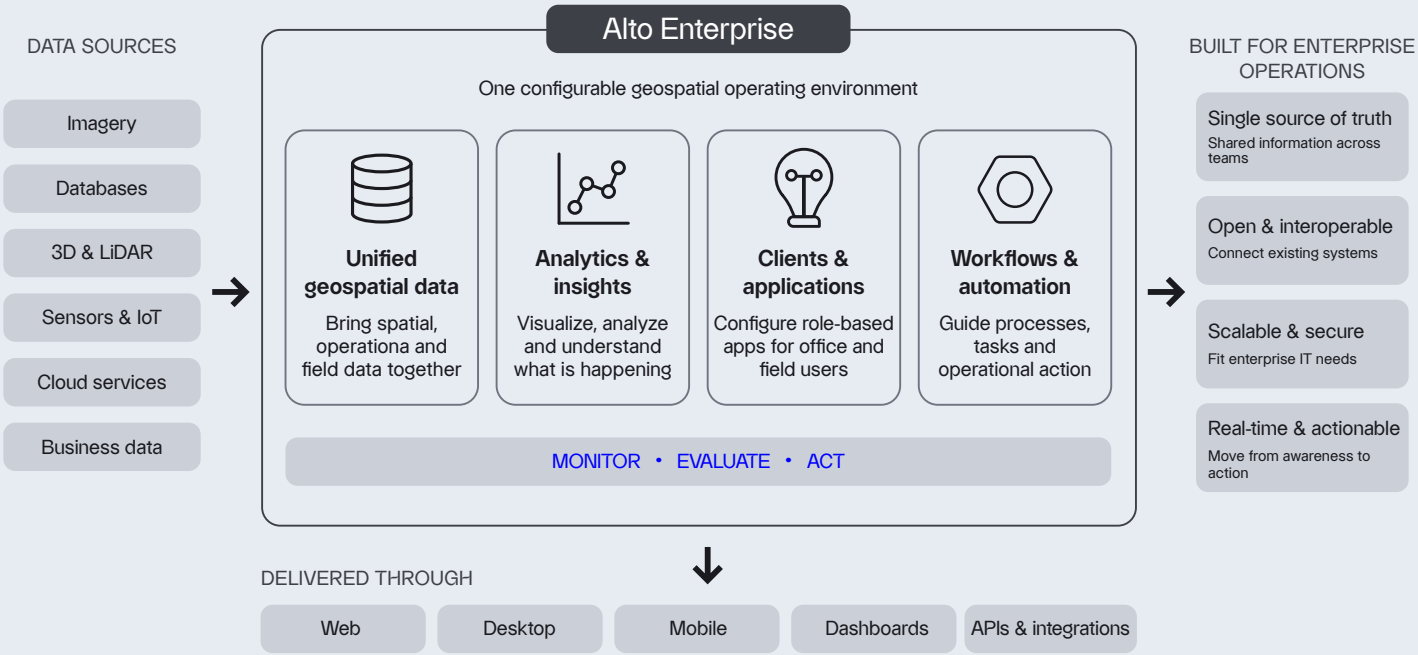


Fig 1 - Alto Enterprise - one configurable operating environment

Turn geospatial complexity into action

Operational teams often work with scattered datasets, separate tools and manual hand-offs. Alto Enterprise gives them a shared geospatial foundation, so information can move more smoothly from awareness to decision and execution.

Reduce silos

Bring spatial, operational and enterprise information into a shared view.

Adapt without rebuilding

Configure apps, workflows, dashboards and business rules as needs evolve.

Connect office and field

Support mobile inspections, offline work, synchronization and guided processes.

Accelerate decision-making

Use dashboards, 2D / 3D visualization and analytics to understand conditions faster.

Scale securely

Use roles, tenants, identity integration, auditing and platform administration.

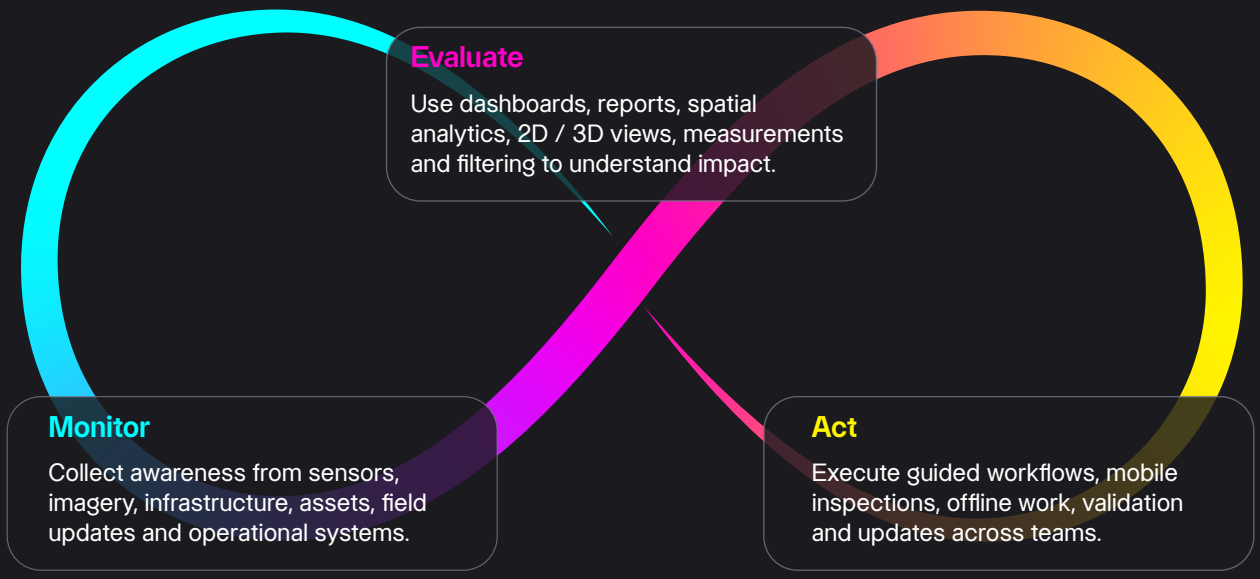
Protect deployment choice

Deploy on-premises, in the cloud or in hybrid environments based on IT needs.

Benefits

When teams need to...	Alto Enterprise helps to...	So they can...
Understand what changed	Connect live events, imagery, assets and field updates	Work from a more complete operational picture
Prioritize the next step	Evaluate context with dashboards, spatial analytics and 3D visualization	Make decisions with clearer evidence
Coordinate execution	Guide work through configured workflows, forms and mobile updates	Reduce gaps between office planning and field action
Keep change manageable	Configure solutions and extend them with APIs where needed	Deliver updates faster without rebuilding every application

One simple flow: Monitor, evaluate, act



The result is a closed-loop way of working: teams see what is happening, understand what matters and move action forward with traceability.

Purpose-built experiences for every role

Alto Enterprise combines desktop, web and mobile capabilities with shared platform services. Each experience is designed for a different type of user, while the platform keeps data, workflows and administration connected.

Experience	Best suited for	Core capabilities
Desktop client	GIS experts and power users	Advanced editing, validation, data maintenance, quality assurance and workflow integration
Browser client	Operational users and analysts	Interactive analysis tools, dashboards, 2D / 3D viewing and configurable workflows
Mobile app	Field crews and inspectors	Online/offline work, synchronization, configurable forms, GPS-enabled updates and field workflows
Shared services	Administrators and solution builders	Open standards, geoprocessing, workflow engine, security, identity integration and governance

Build solutions faster

Octave Alto Enterprise Studio helps teams configure applications, manage data and services, design workflows and administer the platform. This keeps solution delivery more repeatable while still allowing deeper customization where needed.

Configure applications

Set up desktop, browser and mobile workspaces, user experiences, templates and branding.

Manage data and services

Connect layers, styles, legends, filters, coordinate systems, vector tiles, elevation and 3D resources.

Design workflows

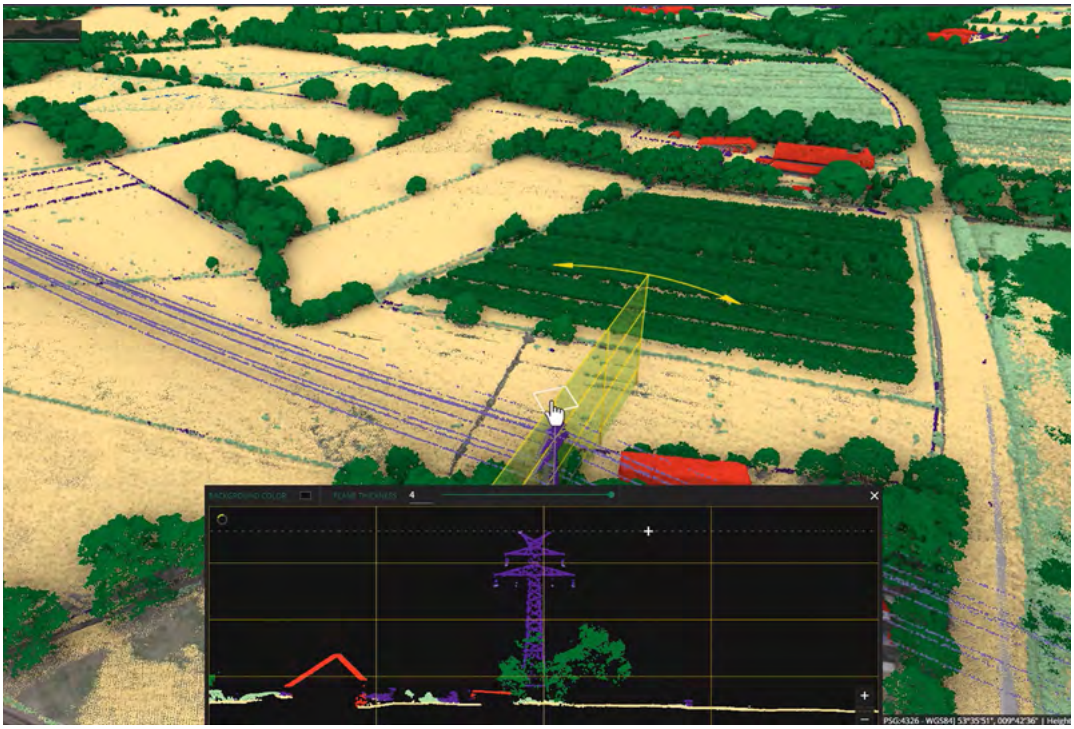
Configure business processes, validation rules, approval chains, lifecycle handling, recipes and dashboards.

Administer the platform

Manage users, roles, security groups, catalog governance, logging and identity integration.

From no-code to pro-code

Configuration covers many common requirements. For advanced needs, Alto Enterprise can be extended through APIs and by building on Octave Alto Server (formerly LuciadFusion) and Octave Alto Browser (formerly LuciadRIA).



Alto Enterprise - Enables field personnel and operations managers to work from the same up-to-date view of inspections, outages, assets, and ongoing operational activities.



Focused sectors, tangible outcomes

Sector	Example use	Tangible outcome
Smart cities	Urban mobility, infrastructure monitoring, sustainability and sensor-driven city operations	More connected planning and faster response to changing conditions
Utilities	Field inspections, outage monitoring, network updates and asset lifecycle operations	Better coordination among control rooms, planners and crews
Transportation	Road defect visualization, asset tracking, corridor planning and maintenance programs	Clearer prioritization of maintenance and infrastructure work
Environment	Water quality, vegetation stress, conservation and climate resilience monitoring	Shared evidence for monitoring, reporting and interventions
Government and public safety	Planning, transparency, emergency response and situational awareness	Improved operational coordination across agencies and teams

Secure and flexible deployment

Alto Enterprise supports on-premises, cloud, hybrid and containerized deployments, with identity and access options including Active Directory, Microsoft Entra ID, OpenID Connect, SAML, two-factor authentication and role-based access.

Start with the edition that fits the mission

Alto Enterprise is available in Essential and Professional editions. Both run on the same platform, so teams can start with core 2D operations and move to richer 3D and time-based visualization when needed.

Capability area	Essential	Professional
Spatial models and workflows	Run and author	Run and author
Catalog access	Included	Included
Viewing, analysis and measurement	2D	2D + 3D + time

Licensing, simplified

Licensing is based on consumption and measured in usage hours. The commercial model can be usage based, subscription or permanent, which gives organizations flexibility beyond traditional named-user licensing.

Why choose Alto Enterprise?

Operational app platform

It's designed around workflow-driven geospatial apps, not only specialized GIS tools.

Open and deployment flexible

It's built for standards-based integration and deployment choices aligned with IT and sovereignty needs.

Configuration first

Teams can create apps, dashboards, forms and workflows in Studio, with APIs for advanced customization.

About Octave

Octave is a leader in enterprise software, turning data into decisive action and intelligence into your edge. Our software solves for and simplifies complexity, from the design and build to operations and protection of people, property and assets – for any scope, at any scale. For decades, we've partnered with customers to sharpen performance, elevate efficiency and amplify results. From factory floors to entire cities, our solutions are tuned to scale up what's possible from day one onward.

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