

Use Case – Butachimie

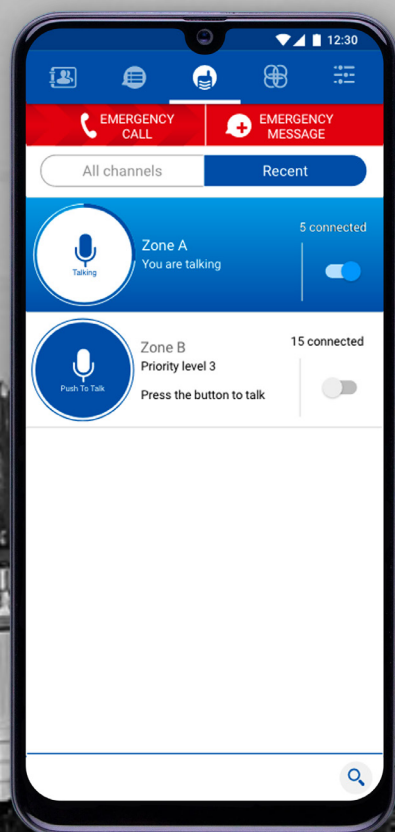
Securing people, the Seveso-classified site, and data with a unified platform

Context: Team on mission, deployed on a private 4G mobile network, for safer, connected, and resilient operations.

Located in Chalampé, Eastern France, Butachimie is one of the world's largest producers of adiponitrile, representing 35% of global output. Its products are essential to engineering plastics, textile and industrial fibers, and high-performance coatings used in automotive, textile, and consumer goods sectors.

Its priority is to protect teams, a Seveso-classified site, and sensitive data while modernizing operations.

As part of its Industry 4.0 transformation, Butachimie implemented a dedicated private 4G mobile network, redundant and upgradeable to 5G, deployed by Orange Business, delivering >99.99% availability and controlled access to industrial applications. Building on this foundation, Streamwide's innovative solution, **Team on mission**, hosted on-premises, provides a unified platform for communications, protection, and coordination to strengthen safety and support digital transformation.





Objectives and priority use cases

Objectives

- Secure people and the site, with improved field visibility.
- Protect and govern data (high-availability dedicated network, traceable workflows).
- Modernize communications by replacing TETRA, DECT, and intercom systems with a secure, next-generation solution.
- Accelerate the digitalization of HSE and maintenance processes.

Priority use cases:

- Real-time, meter-level geolocation for operations teams, contractors, and mobile assets.
- Push-to-talk for smooth field-control room coordination.
- HSE and maintenance digitalization: procedures, field reports and proofs.
- Live video assistance to speed diagnosis and cut equipment downtime.

Solution:

Team on mission, interconnected with the site's private 4G mobile network, provides:

- Group communications (push-to-x / MCPTT) structured by roles and talkgroups.
- Worker safety (lone worker protection, man-down, alert scenarios, notifications to teams and the control center).
- Connected operations (live video, image/file sharing, mobile forms, workflow orchestration).
- Location and supervision (mapping, sensitive zones, history).
- Interoperability (integration with existing systems).
- Governance (administration, logging, compliance, and audit).

Conclusion

By relying on a private **4G mobile network** and **Streamwide's Team on mission** platform, **Butachimie** places the **safety of people**, the Seveso-classified site, and data at the heart of operations while **accelerating digital transformation**. Together, they provide a **resilient, efficient** foundation that is ready for new use cases and for the evolution to 5G.



Observed results

- Site-wide uninterrupted communications thanks to the 4G Mobile Private Network (MPN) and Team on mission.
- Stronger worker protection and enhanced site security via LWP, man-down, and emergency alerts.
- Fewer interruptions through faster coordination and improved situational awareness.
- Legacy systems replaced by a unified platform (MCPTT, audio conferencing, sharing, streaming).
- Better-protected data on a dedicated high-availability network and a sovereign, secure solution.
- Lower maintenance costs (decommissioning copper, rationalizing equipment).
- Future-ready architecture for new sensors and use cases, and preparation for 5G.

