



CASE STUDY

## Streamlining The Analysis of Polluted Sites & Soil

*A look at how TOUGHBOOK and TerraIndex helped Ginger BURGEAP simplify field measurements*

**Client: Ginger BURGEAP**

Location: France

Product(s) supplied: **TOUGHBOOK G2 mk3 standard**

## Overcoming Field Work Inefficiencies

For over 30 years, [Ginger BURGEAP](#) has been a leader in environmental consultancy, specializing in polluted site and soil analysis. With a global team of 350+ engineers, the company manages complex remediation projects, collecting and analyzing soil, water, and gas samples.

However, traditional paper-based data collection was slowing them down. Field work in harsh conditions—rain, mud, and glaring sunlight—led to issues such as illegible notes, barcode scanning errors, and time-consuming manual processes. To improve efficiency, accuracy, and data traceability, Ginger BURGEAP needed a digital solution that could withstand extreme environments.

## Rugged Devices and Smart Software

The answer came in the form of a powerful hardware-software combination: [TerraIndex software](#) and the [Panasonic TOUGHBOOK rugged tablet](#). Together, they revolutionized how field data is collected, processed, and managed.

- **TerraIndex** digitizes every step, from field data collection to laboratory orders, ensuring seamless traceability and reducing human error.
- **Panasonic TOUGHBOOK rugged tablets** provide the durability needed for demanding field work, offering resistance to shocks, water, and extreme temperatures.

“We initially considered developing an in-house solution,” explains Marc-Eric Pautet, Quality, Safety, Environment, and Methods Manager at Ginger BURGEAP. “But after evaluating TerraIndex’s capabilities and the outstanding industry feedback on TOUGHBOOK, we knew this was the best approach.”





## Field-Tested, Engineer-Approved

Ginger BURGEAP's field engineers rigorously tested the solution in real-world conditions. The results were undeniable— the Panasonic TOUGHBOOK [G2 tablet](#) stood out for its:

- **Extreme durability** – Built to endure rain, mud, and harsh environments.
- **Optimized usability** – Sunlight-readable screens and water-resistant touch functionality, even with nitrile gloves.
- **Long battery life** – Powering an entire workday without interruption.

“Our engineers now encode readings directly on the tablets, take photos, scan barcodes, and instantly send data to project managers,” says research engineer Léo Pryfer. “It’s a game-changer—eliminating errors, speeding up processes, and making data immediately available.”

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### Marc-Eric Pautet

Quality, Safety, Environment, and Methods Manager  
Ginger BURGEAP

## Smarter, Faster, and More Reliable Field Work

Since implementing this solution, [Ginger BURGEAP](#) has seen major improvements:

- **Increased Efficiency** – Faster data collection and streamlined workflows.
- **Fewer Errors** – Digital tools eliminate manual input mistakes.
- **Higher Team Adoption** – Even skeptical team members embraced the new system.

“This solution has been a breakthrough,” says Léo Pryfer. “It’s intuitive and makes a real impact in the field.”

## Scaling for the Future

Encouraged by the results, Ginger BURGEAP is expanding the use of **Panasonic TOUGHBOOK rugged tablets** and **TerraIndex software** across all field teams.

“We are confident in this solution and excited to scale it across our workforce,” concludes Marc-Eric Pautet.

