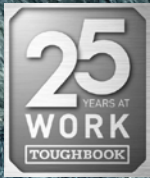


TOUGHBOOK INDUSTRY SOLUTIONS

When Mining Surveying Calls for a Reliable Partner

Demanding work environments require a different approach, and this principle extends to mobile solutions as well.



A product of more than
25 years of world leadership
in rugged technology

The Demands of Quarries and Mines

Temperature extremes, humidity, remote locations, and power management are just a few examples of the challenges that can hinder field workers who rely on commercial IT equipment for mining operations and surveying.



When running software to monitor vibrations or for mineral measurement at a mining site, a high processing power device made to work outdoors is required.*

**Senior Mining Engineer, a large
Swedish mining company.**



But there is a professional solution.
TOUGHBOOK 40 and TOUGHBOOK G2 are the fully rugged
devices built to keep supervisors and field service teams going
– no matter the conditions.

* Rugged Mobility Research By White Space Strategy Ltd

Industry Focus Mining Operations

The remote location of mining sites and the harsh environmental conditions pose unique challenges for both the supervision teams and their mobile devices.

Discover how **TOUGHBOOK 40** and **TOUGHBOOK G2** are the reliable partners for the mining sector.



Situational challenges



TOUGHBOOK solutions

Harsh environments

Mining sites and underground offices are situated in environments with temperature extremes and high humidity that see conventional devices often fail to function.

TOUGHBOOK devices are engineered to withstand temperatures ranging from -29°C to +63°C, have IP-rated dust and water resistance, and MIL-STD-810H vibration, shock and drop protection.

Remote locations

Mining sites are located in remote areas, posing challenges for reliable connectivity, access to power sources, and logistical support for equipment maintenance and repair.

TOUGHBOOK solutions offer an optimal configuration, featuring high-speed Ethernet connectivity and 5G standalone modules, and long-lasting batteries.

Security and confidentiality

Mining operations require secure management of sensitive data related to exploration, production, and reserves, making data security, confidentiality, and regulatory compliance a priority.

TOUGHBOOK devices offer military-grade encryption, Secured-core PC features and removable SSDs, keeping data secure at all times.

Usability

Supervision and surveying teams must manipulate extensive rows of intricate data, graphs, and visualisations to swiftly identify errors or data gaps on-site.

TOUGHBOOK 40 combines the power of Intel core i7 and Windows 11 Pro with a 14-inch full HD display. For maximum mobility, the 10-inch TOUGHBOOK G2 is a best-in class option with a lightweight and rugged all-in-one design.



Going Beyond a Device



Our range of tailor-made accessories and services is the ideal answer to meet any challenge in mining sites.

These include rugged vehicle docks and mounts to keep your TOUGHBOOK technology in operation when users are on the road, specialist carrying solutions for maximum convenience and power sources that mean working remotely doesn't mean computer downtime. All these accessories are built-for-purpose and designed to match the way you work.

Every product in our accessory eco-system fits seamlessly with our line-up of rugged notebook PCs and tablets, each helping to maximise the performance of TOUGHBOOK devices.



Carrying solutions



Battery chargers



Mounts and vehicle docks



Power and chargers

ABSOLUTE

B2M

Mobility service solutions

Panasonic
CONNECT

TOUGHBOOK



Are your field engineers
ready to get rugged?

intel



Windows 11

[TOUGHBOOK.EU](https://toughbook.eu)