

## MOBILITY SOLUTIONS FOR OIL & GAS

### RUGGED DEVICES, SOFTWARE AND SERVICES. PURPOSE-BUILT FOR THE WORK YOU DO.

#### Tough Enough For Oil Rigs, Pipelines And Refineries

Bring greater intelligence to your distributed workforce. Rugged mobile solutions that help oil and gas professionals stay connected, share real-time data and leverage data analytics for more effective decision making and increased productivity.

#### Customizable Solutions

Our customizable mobile solutions combine purposebuilt computers, software, connectivity and services, and are designed to be easy to use, share data, deploy quickly and keep workers safe.

#### Devices: Built for the World's Toughest Users

Panasonic TOUGHBOOK rugged laptops, 2-in-1s, tablets and handhelds are durable, reliable and engineered to withstand the extreme environments found on oil rigs, along pipelines and in refineries. To make sure they perform flawlessly every time your workers need them, TOUGHBOOK rugged computers undergo more than 500 checks and tests, including military standards testing.

#### Software: Support For Oil And Gas Applications

Panasonic supports applications for exploration and production, plant operations, supply chain management and safety training. Devices can be used for a wide range of activities, including monitoring pressure levels inside field equipment, collecting seismic data, project management, compliance reporting and delivering safety notifications.

#### Connectivity: Reliable and Always On

Keeping your workers connected depends not only on the quality of the network, but on the quality of your mobile device. Panasonic manufactures and tests its own antenna modules built with exceptional reliability and connectivity reach. Choose from options for Wi-Fi, Bluetooth® and mobile broadband with satellite GPS.

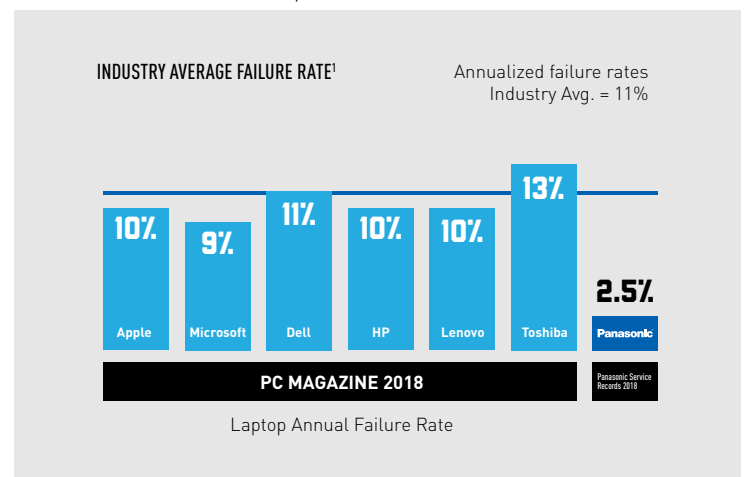
#### Services: Planning, Deployment and Repair

Equipment failure and unplanned downtime can have significant implications for productivity and safety. TOUGHBOOK devices are backed by a strong warranty program and the industry-leading ProServices team, a Canadian based support network with rapid turnaround on repairs and access to specialized services and knowledgeable experts.

Take advantage of our deployment services to ensure that everything from the software to third-party accessories to the battery is configured and fully tested before it heads out to an offshore rig. We also offer mobile application services to protect your devices, field engineering services that can work onsite or remotely, and training for your IT staff and help-desk personnel.

#### A smart investment

In situations where failure is not an option, Panasonic devices are more than five times more reliable than the average laptop used by businesses across North America,<sup>1</sup> lasting longer and contributing to a low total cost of ownership.



<sup>1</sup> Based on a comparison of Panasonic actual data for our TOUGHBOOK family of devices to PC Magazine reader-reported data for competitors, 2018.

# Panasonic TOUGHBOOK Solutions For Oil And Gas

Panasonic offers a broad range of mobile computing devices. The following are three of our most popular models that are purpose-built for oil and gas applications. These reliable, rugged devices are available with wireless options for Wi-Fi, Bluetooth® and 4G LTE multi-carrier mobile broadband with satellite GPS to keep workers connected with onshore and offshore teams.



## Panasonic TOUGHBOOK CF-33

Use the TOUGHBOOK 33 in tablet or full laptop mode. It's the first fully rugged 2-in-1 to work in extreme conditions when you need both a laptop for reporting and a tablet for lightweight convenience.

These devices are built to withstand up to 4-foot drops, salt, chemicals, moisture, shocks and more. The groundbreaking 3:2-aspect detachable screen improves display of programs like data visualizations and 3D imaging, responds to glove-touch and is viewable in rain, sunlight or at night, giving your workers clear access to information anytime. RJ45 Ethernet and serial ports make it easy to collect data from external equipment.

[Get more details >](#)

## Panasonic TOUGHBOOK CF-20

This lightweight 2-in-1 laptop has a field-ready tablet that detaches easily with one hand for even greater portability.

Built to withstand the harsh environments workers face during exploration, field-service work and refinery operations, the TOUGHBOOK 20 tolerates up to 4-foot drops and is certified for use in explosive or combustible hazardous locations. The 10.1-inch screen is daylight viewable and operates with gloved multi-touch technology for easy viewing of data, maps and imaging in outdoor environments. Collect data from external equipment with extra RJ45 Ethernet and serial ports.

[Get more details >](#)



## Panasonic TOUGHBOOK FZ-G1

At 2.4 pounds, this ultraportable tablet is tough enough to throw over your shoulder and go but powerful enough to access the data and apps workers need. The 10.1-inch screen is daylight viewable and operates with gloved multi-touch technology and waterproof digitizer pen. Options for thermal and infrared (IR) cameras, a hazardous location model, RJ45 Ethernet and serial ports, and easy-swap, long-life batteries make this a high-performance, flexible tool.

[Get more details >](#)



For more information on Panasonic mobility:  
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**TOUGHBOOK**