

# What's your greatest mobile-working challenge?

Explore recommendations  
from **TOUGHBOOK** experts



Often relying on off-the-shelf solutions, businesses face many challenges when equipping the hypermobile workforce.

This makes productivity and uptime targets an uphill battle and puts both employee and customer satisfaction at risk.

At **TOUGHBOOK**, we use our years of expertise to find the right solutions for you.



# What's your greatest mobile-working challenge?



Connectivity and network dropouts



Integrated vehicle technology



Compatibility with legacy solutions



Full-shift battery power



Downtime from battery replacement





# Always scrambling to contain connectivity and network dropouts?



You need to reduce network black spots and increase uptime to ensure your most productive workforce.





# ACT NOW

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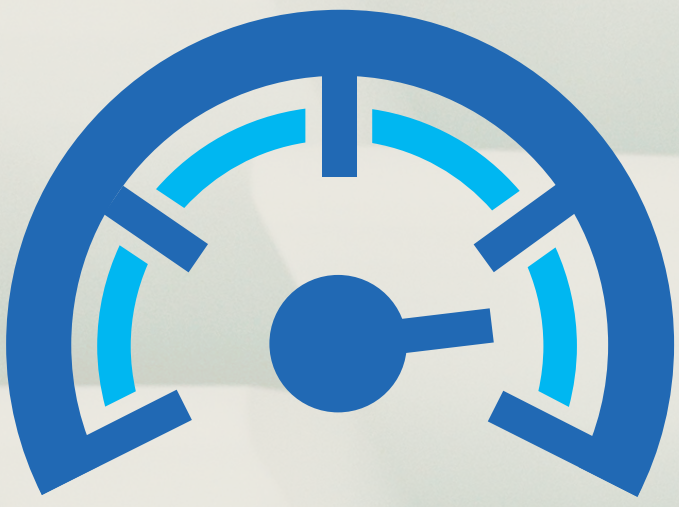
## Wireless connectivity

Devices may require customisation to meet your unique connectivity requirements. Consider speaking to your provider about optimisations wherever interference issues are common.



## Performance testing

Consider how your devices, their embedded wireless modules, and antennae are tested for connectivity, and ensure they match your requirements and industry standards. When it comes to device maintenance, automated solutions are always beneficial.



## In-vehicle 5G routers

Review your in-vehicle network connectivity options. Dual-sim Cradlepoint routers can create WiFi hotspots for each vehicle, enabling highly-secure 5G connection for all your critical devices. Even when they don't have built-in 5G capabilities.







## Connectivity you can count on, wherever it's needed

Network dropouts, disruptions and patchy coverage are no match for **TOUGHBOOK**.

Thanks to up-to-the-minute Wi-Fi, Bluetooth, and private 5G network capabilities, your mobile teams always have secure access to the apps, data and communication channels they need – whether they're in the field, or on the road.

Plus, our anechoic chamber testing enables **TOUGHBOOK** engineers to maximise performance based on precise electromagnetic radiation measurements.



*Up-to-the-minute  
Wi-Fi, Bluetooth,  
public 4G/5G and  
private 5G network  
capabilities*





# Clumsy vehicle integrations slowing field workers down?

You need made-to-measure solutions with reliable connectivity.



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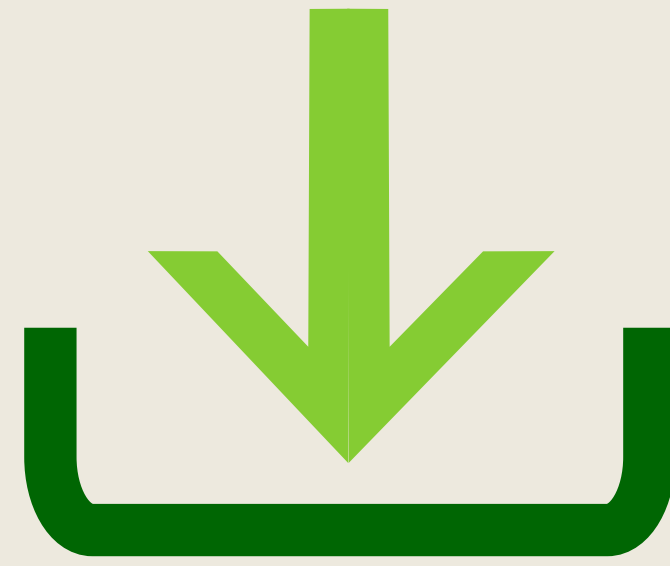


## Custom engineering

Ensure your devices integrate seamlessly with existing vehicles, whereas off-the-shelf solutions will only slow you down.

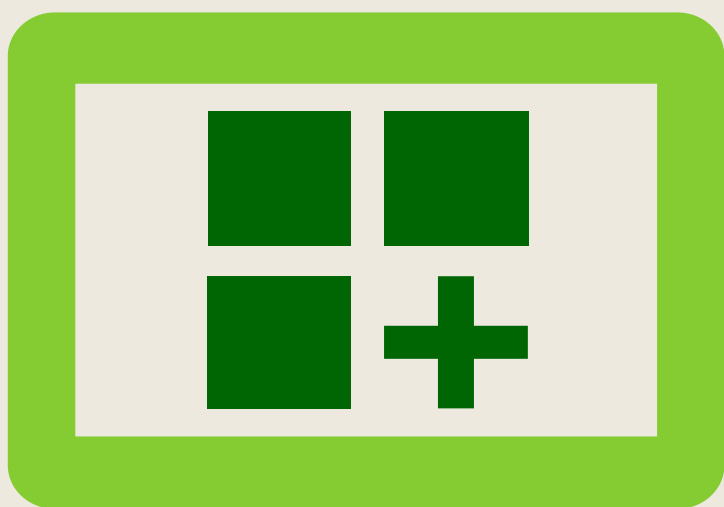
## Reliable docking

A docking station with a pass-through antenna is the best way to achieve reliable connectivity on-the-go.



## Bespoke solutions

It's rarely cost-effective to upgrade in-vehicle solutions for off-the-shelf devices. The solution? Devices that can be configured to suit your needs and docks with backwards compatibility.







*Expect reliable in-vehicle connectivity thanks to a dual pass-through antenna and custom-made docks*

## **In-vehicle solutions that go the extra mile**

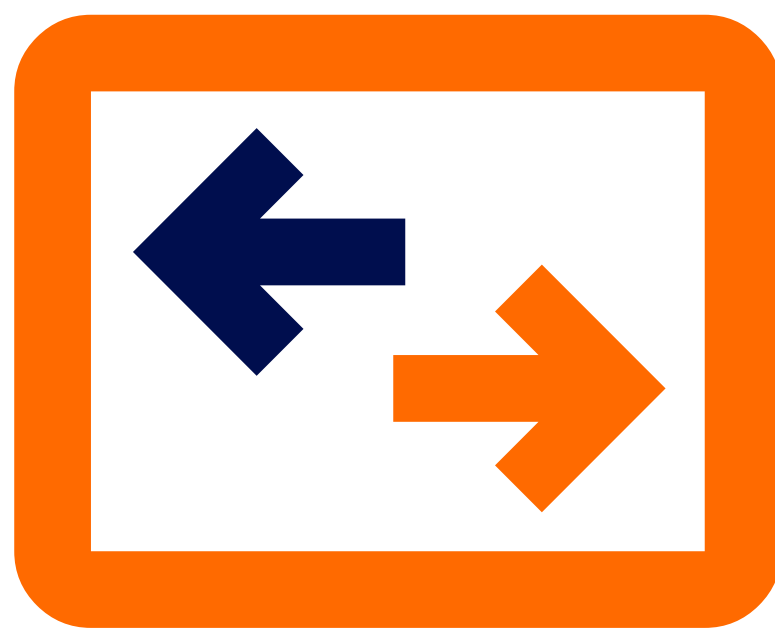
**TOUGHBOOK** hardware, firmware and OS can be configured to meet your exact requirements. We'll work with you to find the perfect vehicle integration solution tailored to your specific needs.

You can also expect reliable in-vehicle connectivity thanks to a pass-through antenna and custom-made docks. The result? Reduced downtime and frustration to help your field workers go further, faster.





Can't connect devices to  
your legacy solutions?

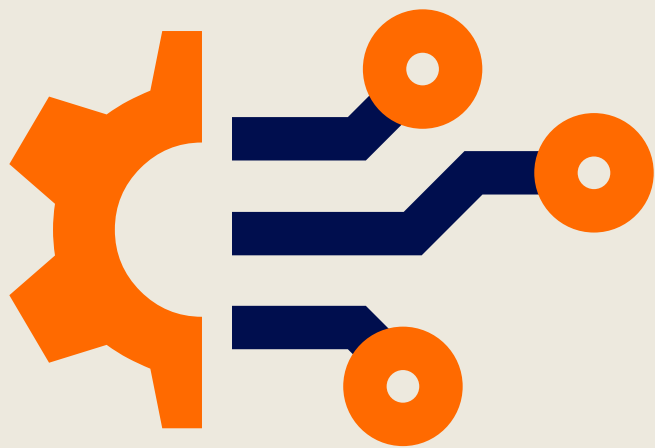


Why upgrade or find frustrating  
workarounds when you can get  
configurable, compatible kit?



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## Custom engineering

Adaptors and connectors can add time and frustration to everyday tasks and aren't always a reliable solution. Instead of finding workarounds, seek out custom engineering and modular hardware.

## Future-proof solutions

We never truly know how the industry will shift or how technology will develop. It's therefore essential that solutions are backwards compatible. Combining accessories and devices from the same manufacturer (or their partners) usually provides the most future-proof solution.



## Tailored technology

It's important to choose a partner that can tailor technology to your needs and challenges. Hypermobility work is rarely compatible with one-size-fits-all solutions, so make sure you choose a manufacturer or supplier that understands your industry and accounts for your unique requirements.







*Modular configurations to support the connectors you're used to.*



## Legacy integration solutions for convenient connection

Choosing the latest rugged laptop or tablet shouldn't mean changing your entire setup, or defying the industry standard. **TOUGHBOOK** laptops and tablets are designed to make field work easier, not harder – and that includes connecting with your existing solutions.

Because we engineer hardware, software and accessories specifically for rugged industries and the hypermobile workforce, we leave no stone unturned. This includes interfaces to support the connectors you're used to. It means custom engineering to ensure seamless integration. And it means recommending the ideal accessories, mounts and docks to delight your users and boost productivity.





# Productivity drained by device batteries that don't last the full shift?

When your work is highly specialised, your battery performance should be too.





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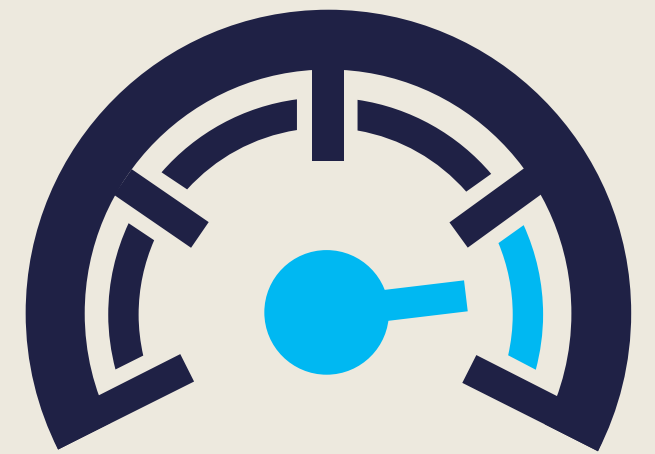


## Custom engineering

In your average laptop or tablet, we may only need to manage battery usage in terms of adjusting the screen brightness or removing Bluetooth access. But when we're talking about meeting the highly specific needs of the hypermobile worker, you may need hardware or firmware customisations.

## Maximum charge configuration

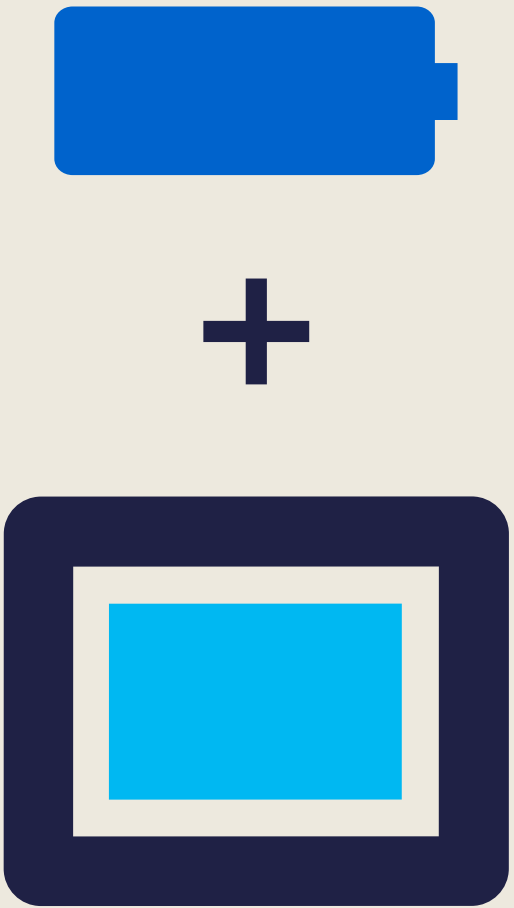
When full charge cycles are rarely complete – because devices are charged regularly in vehicle docks, for example – it's important batteries can be configured so that they only charge to 85% or 90% to improve battery health. This can prolong battery life, improving total cost of ownership and reducing the need for maintenance.





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## Reliable partnerships

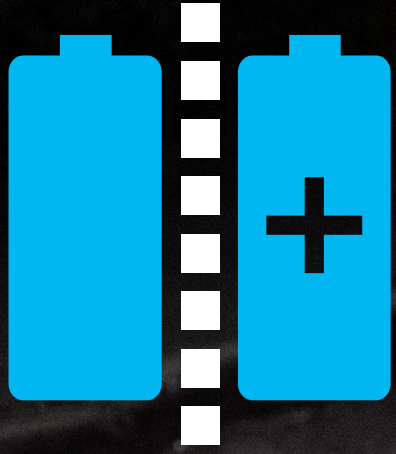
Many device manufacturers outsource their batteries, making replacements relatively expensive and time-consuming. This also means they're at the mercy of another supplier's product end of life and risk their battery of choice being discontinued (and they pass that risk to you). A supplier that is both the device and battery manufacturer can provide a more reliable long-term solution.







**TOUGHBOOK** batteries  
last up to 10 hours



*An optional 2nd  
battery can extend  
that to 20 hours*



## Batteries that go the extra mile

We manufacture, test and configure both device and battery to offer performance that matches your needs – whether that's limited charge cycles or battery that lasts the full shift, and then some. Thanks to 2nd batteries with hot-swap capabilities, we keep hypermobile workforces powered and productive for longer.

It isn't just the design of our hardware that makes it unique. It's also the firmware that connects the battery to the device, the software that keeps them running smoothly and efficiently, and the configuration of all three.

So whether battery life is mission-critical or business-critical, you're always in safe hands with **TOUGHBOOK**.







## Is battery replacement costing you precious time?

Proactive service can help you cut delays and downtime, giving you true peace of mind.





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## Battery monitoring

Thanks to the rise of cloud services, device diagnostics are more efficient than ever. But this doesn't always extend to active battery monitoring. Applying the same approach to battery health can prove game-changing for the hypermobile workforce.

## Proactive service

Without remote monitoring, battery replacement is pure guess work. Wait until users are impacted and you're wasting money. Replace a perfectly healthy battery and you're at risk of wasting perfectly good technology – and not maximising your ROI.



## Rapid replacements

Waiting for battery replacements costs you and your users valuable time and productivity. You need rapid replacement and a pre-emptive diagnostic approach.







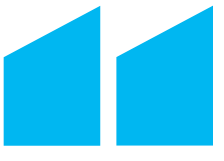
*Battery Confidence, our proactive battery replacement service, will remotely monitor the performance of your fleet to ensure productivity is never impacted*

## **Proactive battery replacement to maximise productivity**

When batteries only last three years (of a five-year product life cycle), their replacement can be a real headache. Not only do you lose productivity as their capacity decreases, but you also face downtime while waiting for the replacement.

Through our Battery Confidence service, we monitor performance remotely so you can receive a new battery before the existing one's health starts to impact your users – giving you complete peace of mind for the lifetime of your devices.

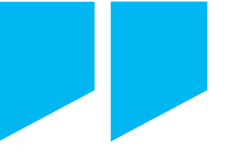




*I want our customers to see **TOUGHBOOK** as their mobility partner. An organisation that can work side by side with them. One that listens to their challenges and not only delivers solutions but also provides ongoing support to meet the changing technology needs of their mobile workforce.*

*Steven Vindevogel*

*Head of Mobile Solutions Business Division (Europe)*



Find out how **TOUGHBOOK** can help you overcome the **TOUGHEST** challenges.

Contact **TOUGHBOOK**

**TOUGHBOOK**