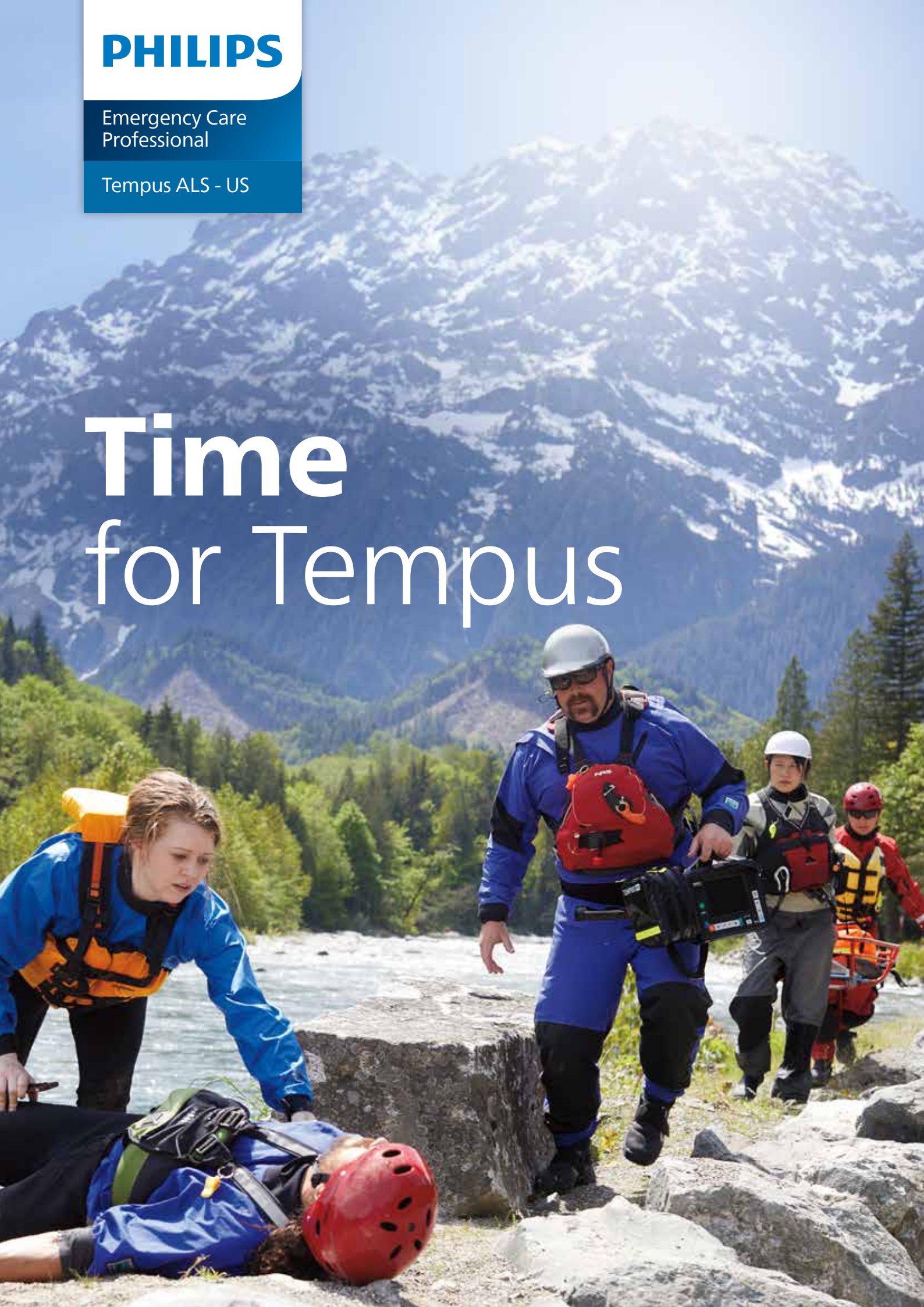
PHILIPS

Emergency Care Professional

Tempus ALS - US

Time for Tempus



It is time for a solution you can rely on

When emergency care teams arrive at the scene, they need to act fast. Care in the field can be unpredictable, so Philips EMS solutions, like the Tempus ALS are designed to perform and endure the toughest conditions, just like the responders who use them.

Emergency medical equipment is heavy, can be easily damaged, and lacks modern data and security features. It is time for a solution that helps improve, not inhibit, on-scene support.

The Philips Tempus ALS monitor/defibrillator solution is compact, rugged and highly connected, allowing providers to focus on patient care, not their equipment.

EMS challenges today

Workflow
Unnecessary admissions to hospitals. Patient handover can be a lengthy process.

Documentation
Record keeping can be inaccurate and documented only post-event.

Reliability
Equipment is often damaged as used in unpredictable conditions

Equipment challenges
Equipment carried on-scene is bulky and heavy. High risk of injuries for paramedics and patients.

Clinical decision making
A lot to do on-scene with limited time/ capacity to deliver optimal care and complete records.

Cost management
Cost of care is hard to manage with available resources

Data and Connectivity
Unreliable data transmission and communications.

What makes Tempus so advanced?

The Philips Tempus ALS is an advanced monitor/defibrillator solution that is designed to offer flexibility and enable users to gather rich patient data, which can be shared in real-time with remote support teams.[1]

Designed to empower caregivers to focus on the patient and not be distracted or burdened by their equipment, the modular Tempus ALS system is comprised of a Tempus Pro monitor and a Tempus LS-Manual professional defibrillator.[2]

Data sharing and collaboration with automatic, real-time connections to ePCRs and other third party data tools via IntelliSpace Corsium.

Flexibility

Reliability

Connectivity

"We've been using the Tempus ALS for about a year now and it has definitely been a game changer on every call!"

Susana Webb
Firefighter & Paramedic North Collier Fire Rescue, US

Time for flexibility

Imagine not having to carry a 20+ lbs. monitor to scene. With Tempus ALS you don't need to. The Tempus Pro monitor can be carried on a shoulder strap, while the Tempus LS-Manual is small and light enough to be stored in a first-in bag. This helps reduce potential risks associated with carrying bulky equipment to scene and keep critical life-saving equipment protected and accessible.

In use, the Tempus ALS' dual-screens allow for greater visibility. In resuscitation cases one display is focused on defibrillation therapy and the other on patient monitoring, while additional data entry opportunities help capture rich event-driven data.

Why struggle with heavy equipment when 7 lbs. is all you need to carry?

7 lbs.

Tempus Pro monitor is so small and light it be easily carried on a shoulder strap.[3]

4.3 lbs.

Tempus LS-Manual defibrillator is small enough to live in a paramedic grab bag and ready to use.

2 as 1

Tempus modular solution allows for monitoring two patients at the same time.

"Not every patient we come in contact with needs electrical therapy and that's a good thing. Having the Tempus LS and Tempus Pro separate, cuts down on the weight required to carry in on every run."

David S. Curtis
EMS Captain, Florence Fire/EMS, US

Time for reliability

The Tempus Pro is IP66 rated and tested to high durability standards. The Tempus Pro Li-ion battery allows at least 10 hours and 45 minutes of use with the display brightness at 60%. Rated at IP66, you can take it where you need it, even in challenging conditions. And with both wired and wireless connections (Cat5, Wi-Fi, 4G and Bluetooth), you can count on secure, real-time data transmission even when communications are poor.[4]

Why stop and recharge when you can get a full-shift battery?

10.75 h

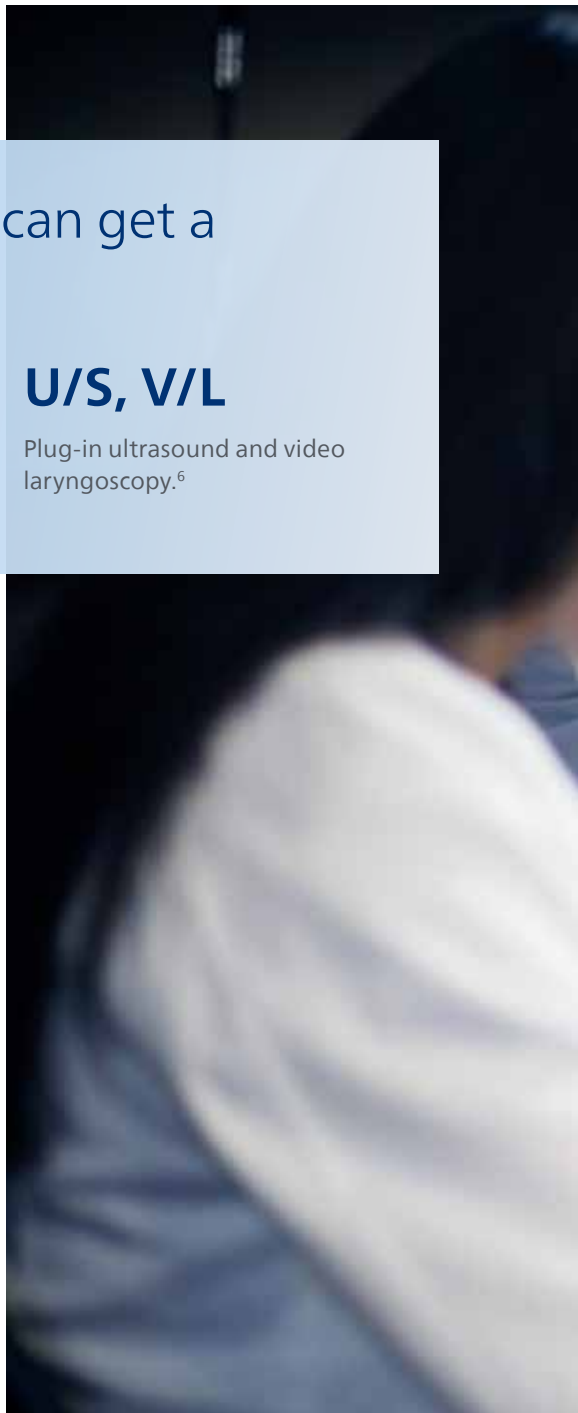
At least 10 hours 45 minutes Li Ion battery with default display brightness.[5]

IP66

Best-in-class protection from water and/or dust.

U/S, V/L

Plug-in ultrasound and video laryngoscopy.[6]

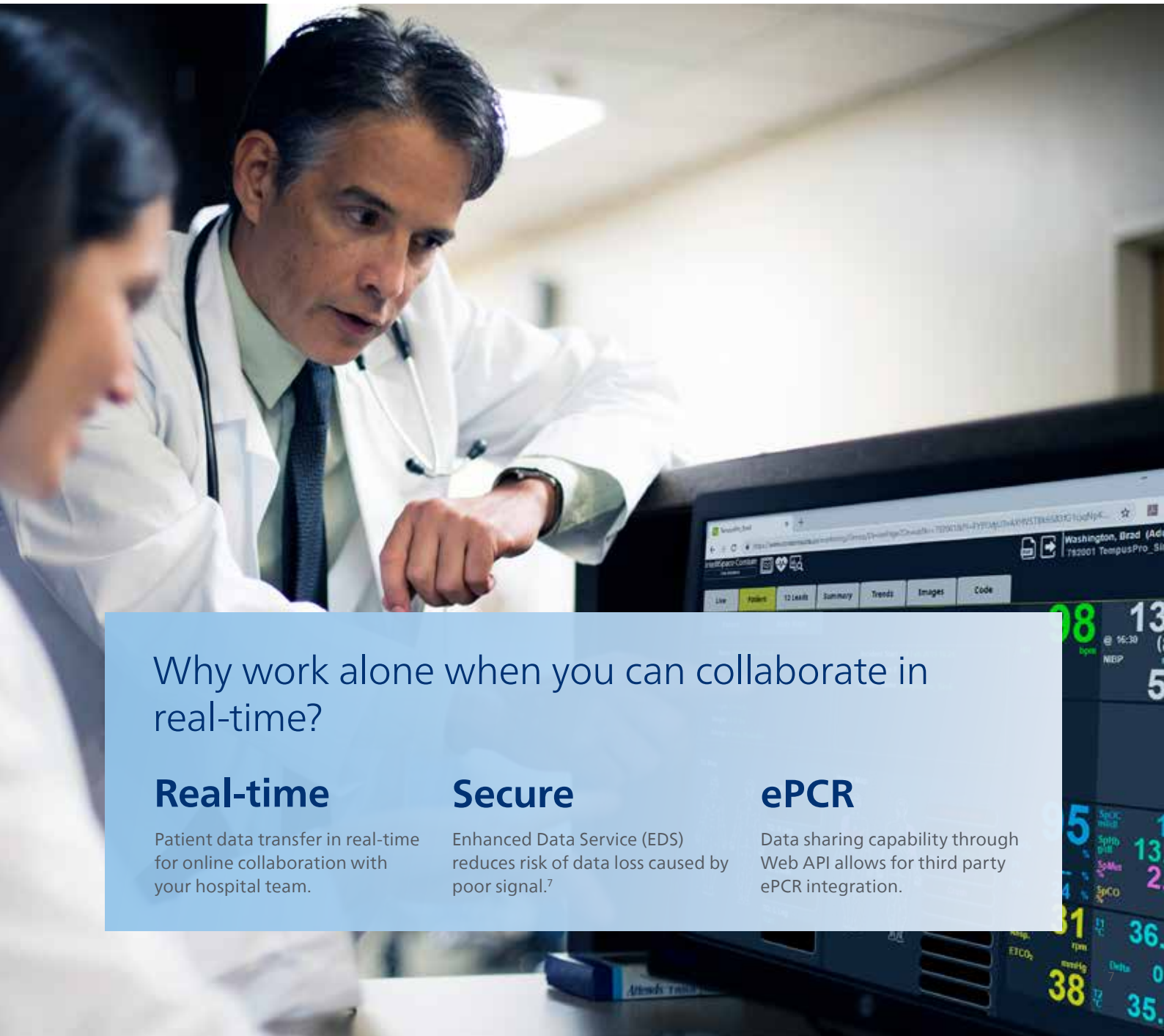


An optional plug-in transducer (3.5 MHz for general purpose or 7.5 MHz for line placement or vascular exams) can extend the capabilities of the Tempus Pro platform to include ultrasound for basic field assessment. An optional plug-in Karl Storz-C-MAC® video laryngoscope imager offers video laryngoscopy support during airway management. Disposable Macintosh and D-Blades allow visualization of laryngoscope images on the Tempus Pro display, capturing still images for transmission to the patient record. View vitals, including capnography and SpO_2, while intubating the patient.

Time for connectivity

Using exclusive data communication technologies, Tempus ALS allows for real-time streaming of vitals, waveforms and images to Philips IntelliSpace Corsium cloud-based solution.

Designed with powerful security protocols, Tempus ALS with IntelliSpace Corsium data management provides interactive ECG measurement, diagnosis and two-way communication. Seamless electronic Patient Care Record (ePCR) integration supports improved accuracy of records and handovers. Clinical and operational dashboards can simplify and support scalable deployment and utilization.



Why work alone when you can collaborate in real-time?

Real-time

Patient data transfer in real-time for online collaboration with your hospital team.

Secure

Enhanced Data Service (EDS) reduces risk of data loss caused by poor signal.[7]

ePCR

Data sharing capability through Web API allows for third party ePCR integration.

Time to demand more

Tempus Pro monitor

Compact and lightweight
Standalone size:
263 mm (10.3”) wide x 216 mm (8.5”) high x 102 mm (3.9”) deep

Standalone weight:
6,393 lb nominal including battery,
excluding IP module, accessories and printer
7,055 lb (with printer)

Color Display
Color 165 mm (6.5”) 640x480 pixels,
130 Klux daylight readable display

On-Screen Trends & Events
Graphical and tabular format for all vital signs parameters. Summary record of care of drugs, fluids, therapies and interventions provided

Enhanced Data Service (EDS)
EDS is a proprietary and secure data transfer protocol, which is unique to Tempus Pro.

It reduces risk of patient data loss caused by poor signal strength when transmitting data

Advanced features
Integrated Camera and 110mm (4.3’’) thermal printer, plug-in Ultrasound and Video Laryngoscopy

Long-life battery
At least 10 hours 45 minutes Li Ion battery with a display brightness at 60%[5]

Smart Mount
Docking and charging station compliant with ground and air (fixed and rotary wing) vehicles[6]

IntelliSpace Corsium data management

Web-based software platform for data transfer and management.

Real-time transmission of rich patient and scene data, even under poor network conditions.

Tempus LS-Manual defibrillator

Compact and lightweight
Standalone size:
200 mm (7.9”) wide x 164 (6.5”) high x 72 (2.8”) deep (excluding rear clip)

Standalone weight:
4,299 lb with battery (without accessories)

Fully-featured
Manual, synchronized cardioversion, pacing and monitor mode.

Easy to Use
Connects automatically and wirelessly to Tempus Pro Monitor when in use. All resuscitation data automatically flows into the SRoC

Biphasic waveform
Trusted high performance BTE biphasic waveform

Long-life battery
At least 300 shocks at 200J from a fully charged battery or >12 hours ECG monitoring from a fully charged battery

Mounting solution
Docking and charging station for all types of vehicles[6]

Online collaboration enables quick and efficient review of ECGs, resuscitation and patient vital signs.

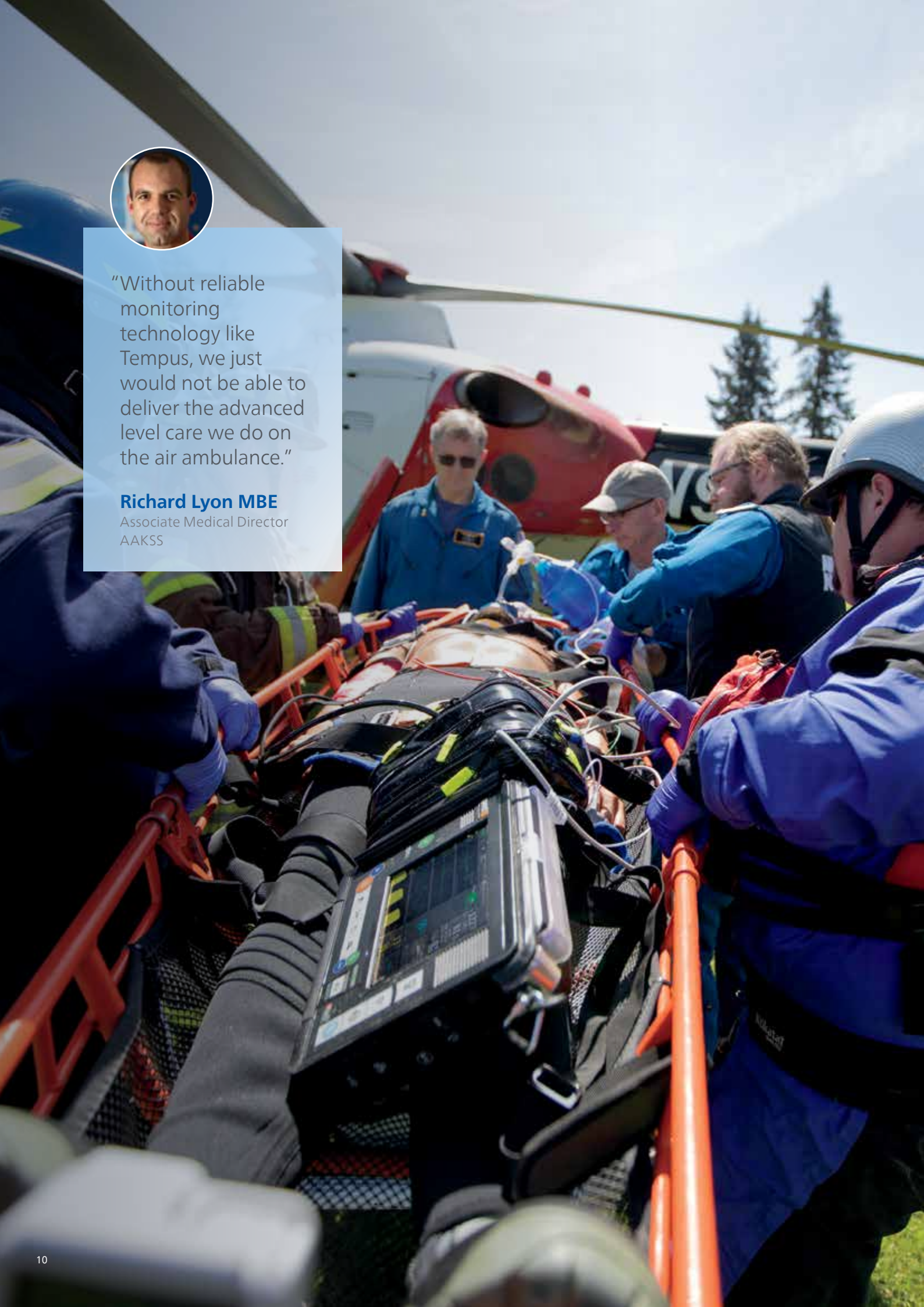
The next level of care can provide diagnosis, clinical decision support and transport instructions directly back to Tempus Pro.

A secure web browser allows medical personnel to view live patient data on a web-enabled device.
This means that remote medical support can be provided when patients are being seen, treated and transported.

Centralized device and user management.

Data sharing capability through **Web API** allows Third party ePCR companies to integrate with IntelliSpace Corsium.

Support Centre accounts that allow separate account management for support centers and EMS agencies.



"Without reliable monitoring technology like Tempus, we just would not be able to deliver the advanced level care we do on the air ambulance."

Richard Lyon MBE
Associate Medical Director
AAKSS

Time to improve care management

Improved patient experience

Patients receive informed and timely treatment and if necessary, they are transported by clinical teams using a real-time view of their condition.

This ensures patients are conveyed directly to the most appropriate next level of care, with visibility of their vital signs throughout the care pathway.

Better health outcomes

Clinical decisions are based on a real-time view of patient condition. This enables early diagnosis, treatment and transport decisions.

Patients can be seen, referred or treated by the most appropriate care provider to support optimal health outcomes.

Improved staff experience

A modular approach offers significant manual handling and ergonomic advantages for front line staff.

Once on scene, they are empowered to have even more confidence in their decision making and focus on the care they are giving, not burdened or distracted by equipment they use.

Lower cost of care

Using real-time data, appropriate treatment and transport decisions can be made.

This enables the right resources in place to receive and treat the patient. This could lower the overall cost of care.

1. Depending on network availability there may be a 2-3 second delay between display of the data on the Tempus Pro and display of the same data on IntelliSpace Corsium
2. Tempus LS is not approved for commercial distribution in the US. Tempus LS-Manual is 510(k) cleared and available for sale in the US
3. Tempus Pro standalone weight: 2.9 kg (6.4 lbs.) nominal including battery, excluding IP module, accessories and printer. Tempus LS standalone weight: 1.95 kg (4.3 lbs.) with battery (without accessories)
4. Limitations apply and contract required with relevant service provider
5. Display brightness at 60%, ECG, SpO2, EtCO2, IP x 2, temp x 2 and NIBP every 15 minutes
6. Optional, additional feature
7. Reliable data transmission (EDS) is streamed automatically during the initial assessment and transport of the patient using Enhanced Data Service (EDS) protocol. EDS is designed to ensure effective data transfer even when the underlying connectivity is poor or of low bandwidth

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