

## How it works

1

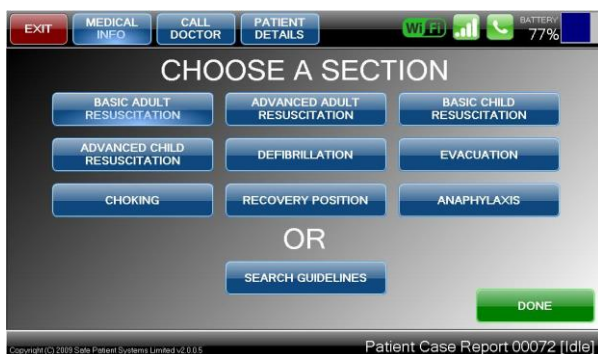
Passenger jets are equipped with an air accredited light, portable tablet PC with Safe Triage System software, plus wireless enabled equipment for capturing vital signs. The receiving medical centres have an easy access web based portal to receive patient data.



The system has the ability to capture and transmit all vital signs via wireless peripherals to aid intelligent diagnosis including: 4/12 channel ECG, Blood Oxygen Saturation, Respiratory Rate, Blood Pressure, Blood Sugar, Pulse Rate, Peak Flow and Temperature with optional Defibrillator.

2

Ease of use is critical and the system has been specifically designed for non-medically trained personnel. The device will guide the responder through a simple step-by-step process that will support diagnosis, and provide treatment instructions and advice, including easy and quick instructions on how to apply the key monitoring peripherals provided as part of the solution.



Single point of failure is avoided by monitoring devices having independent power supply and display screens, data entry can be wireless or manual and embedded knowledge supports remote clinical decision making.

3

Should a medical incident arise a crew member would power on the Safe Triage unit and simply follow the on-screen instructions. The system can be pre-configured with crew and passenger details, along with any pre-existing patient conditions which might be important to be aware of, so as to speed up medical interventions.

4

The touch screen interface including short cuts, enables medical incidents and vital signs to be captured and transmitted 'real-time' via on board WiFi/3G in a secure, encrypted format to a 24/7 medical centre.



The designated emergency department or trauma centre receives full patient details, including the vital signs and digital images. Specialist clinicians can then advise on interventions whilst receiving real time information on the patient's status, location and destination.

5

The system provides a wide range of data for clinical decision support at the scene, including a comprehensive medical reference database. A comprehensive drugs database provides guidance on the type of drug, method of administration, dosage, units, interactions, contraindications and warnings.





**Safe Triage**  
SYSTEM

Safe Triage provides safe and effective support for any passenger medical emergency while in the air or on the ground where existing medical facilities are inadequate

## Essential Features & Benefits

### Any place, any time access to expert medical support

- Enables 24/7 access to expert emergency medical advice that means you get the best remote medical diagnosis and treatment in-flight.\*
- A built in medical database provides access to immediate diagnosis.

(\*When connected to an emergency service solution)

### Easy to use for non-medical people

- Intuitive menu structure with video instruction combined with easy access to medical and diagnostic information.
- Fast input via virtual keyboard and touch screen user interface.

### Fast connectivity between device and peripherals

- Pre-paired wireless peripheral devices for automatic biometric data capture.
- Supports secure WiFi and GSM links to the medical call centre.

### Safe Triage - Core Components

- Tablet PC with Safe Triage System application
- Wireless 4/10 lead ECG (5 pad sets)
- Wireless Blood Pressure Monitor (XS,S,M,L,XL cuff)
- Wireless Pulse Oximeter
- Wireless Peak Flow Meter
- Wireless Thermometer
- Pelicase
- Power pack
- Total weight of components and case 5Kg



### Enhanced passenger safety

- Provides powerful reassurance to passengers and crew alike.
- Should illness or injury strike, it enables you to fulfil your duty of care and provide enhanced emergency medical support.
- Can support and monitor several passengers simultaneously over prolonged periods of time.

### Save time and money

- Can reduce the risk of expensive and potentially unnecessary detours and evacuation.

### Small, light and powerful device

- Latest slate tablet technology.
- Integrated WiFi, GSM and Bluetooth.
- Two built-in cameras for still and video capture.
- Pre-loaded medical and drugs database.

### Core Functions

- Real-time vital sign capture and transmission
- Real-time photo and video capture
- Comprehensive medical and drugs database
- Touch screen input
- Blood Pressure Monitoring
- Full diagnostic 12 channel ECG
- Blood Oxygen Saturation Monitoring
- Temperature
- Lung Function Monitoring
- Optional video conferencing

**For more information please contact**

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