



# Patient Transport Unit NG

Any patient, any aircraft,  
any mission

Lufthansa Technik's Patient Transport Unit Next Generation (PTU NG) offers the latest medical technology. It presents the optimum solution for transporting patients requiring intensive medical care and for medical evacuation missions (Medevac).

Improvements to our existing design are based on the in-service experience of many operators around the globe using the PTU today.

## Inflight Intensive Care at highest Standards

The PTU Next Generation (NG) provides any infrastructure needed to transport an intensive care patient and the medical equipment in a large aircraft. It's performance is suitable for any state of the art medical equipment and hereby fulfills the most demanding NATO standards. The PTU NG complies with all regulations from airworthiness and medical aspects. In particular it is a certified medical product under the CE regulations, being integrated into an aircraft via multiple EASA STC's.

## Benefits

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Light-weight robust design

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Quick and easy installation and maintenance

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Proven design and manufacturing technology

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Modular concept

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Comfortable mattress

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Optional EASA approved oxygen unit

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**Lufthansa Technik**



## Inflight Intensive Care with outstanding reliability

The PTU NG is a product of german engineering combined with swiss made manufacturing. Almost 30 years of experience with the PTU Classic in military and airline use, as well as intense certification testing, guarantees for an absolute reliable and robust product, ready to fly, whenever needed. The quality and user orientation is reflected in many details such as tool less installation, or one hand operation of drawer latches.

## Inflight Intensive Care adaptable to the mission

The PTU NG can be installed within minutes via seat track adapters in any aircraft. Having different adapters, the same unit can be used in a fleet of different aircraft types. The Unit is build out of several modules, which are assembled very quickly and tool less. The units are small and light enough to be easily handled by two persons.

Depending on mission and aircraft there are several options:

- Equipment carrier racks for the foot end, or lateral position can be installed.
- It can host patients on a high comfortable bed or typical stretchers such as Stryker or products fulfilling the STANAG standards. On the same interfaces Incubator platforms can also be mounted.
- Medical supplies can be stowed in removable drawers or standard galley containers. Such boxes can be prepacked and modularly loaded according to the case.
- 6.500l or 13.000l of oxygen, either medical oxygen or aviation oxygen comes in a closed container, which can be filled and maintained independent from the unit.

## Standard PTU NG specifications

### Dimensions

Width	~ 2.08 m
Depth	~ 0.65 m
Height (without rack)	1.50 m ~ 0.85 m
A/C connecting range in meter	1.98 x 0.58 – 0.45
Empty weight	< 200 kg (excl. O <sub>2</sub> )
Payload limit	~ 180 kg
Oxygen capacity	13,000 liters
Power input	115 V, 360 – 800 Hz, 3-phase voltage
Power output (optional)	230 V AC 50 Hz 115 V AC 60 Hz 12, 28 V DC

### Certification

**PTU NG** already flying on A380, B747-8, C295, planned for A330 MRTT

**PTU Classic** flying on A310, A319, B737, A330, A340, B747-4, C-160, C295, Global 5000

**CE certified product**

## Contact

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