

iCan System®

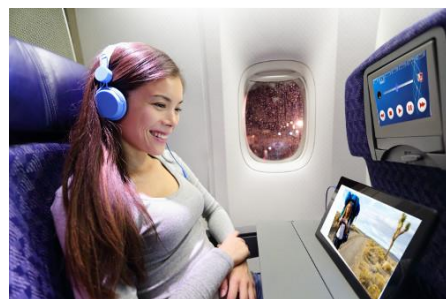
iCan System® is a powerful and modular architecture, associated with a line of customizable equipment for In-Flight Entertainment and Cabin Management Systems for aircrafts and helicopters.

iCan System® has been developed using our own funds, and is now deployed by manufacturers and OEMs on various aerospace programs all around the World.

Oxytronic **iCan System® In-Flight Entertainment** allows to:

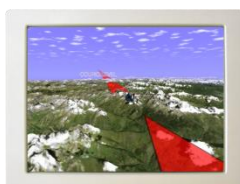
- display real-time flight information through our iCan Moving-Map equipment : position and direction of the aircraft, altitude, outside temperature, distance from destination point, local time... and enjoy a real-time 3D color map,
- have a private conversation with the pilot through our wireless noise-cancellation iCan Phone equipment,
- stay connected using the aircraft Satcom and our iCan Com module,
- listen to your favorite opera on your iPod in an amazing audio comfort, thanks to our wireless Active Noise Reduction iCan Headset,
- watch Video-On-Demand on our iCan Screen HD color displays, and share these moments with other passengers thanks to our multiple-displays broadcasting equipment,

... and many other functionalities, developed according to Client's specifications, for an unmatched aircraft connectivity.



But also, because our **iCan System® for Cabin Management** focuses on improving passengers' experience, users can:

- control all multimedia volumes,
 - control cabin temperature,
 - control light dimming,
 - control windows shading and Up&Down of the cockpit/cabin separation window (helicopter version),
 - manage intercommunications and audio/video broadcasting,
- ... all by using our iCan Touch color displays and our user-friendly application software, developed according to the Client's specifications.



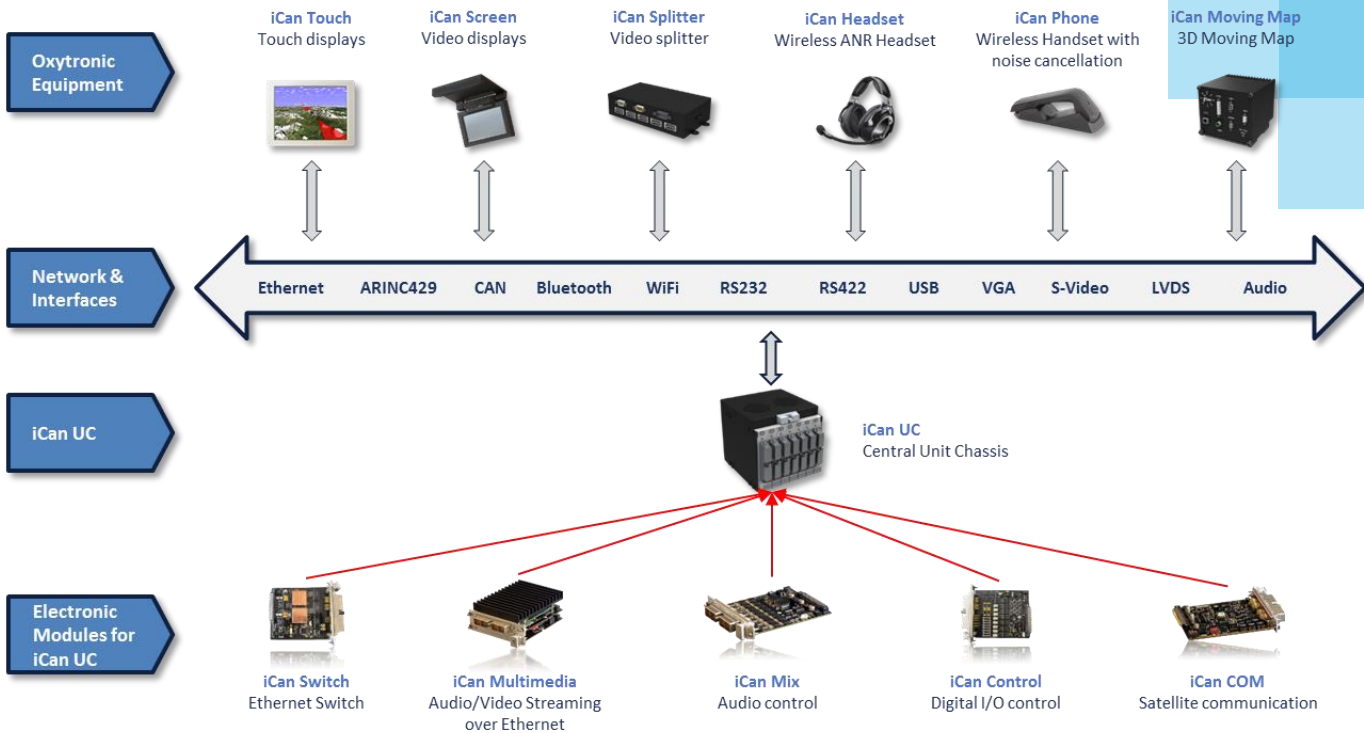
More information:

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www.oxytronic.f



iCan System® Architecture and Equipment



Oxytronic Equipment



iCan Touch

A set of ruggedized multipurpose LCD touch displays* for monitoring or controlling peripherals in the aircraft.



iCan Screen

HD displays* specially designed for viewing multimedia contents in the aircraft.



iCan Splitter

Equipment splitting 1 video analog input through 10 LVDS channels



iCan Headset

Wireless ANR (Active Noise Reduction) headset.



iCan Phone

Wireless handset with noise cancellation system.



iCan MovingMap

High resolution geolocalization 3D system.

Modules for iCan UC



iCan UC

The main chassis controlling all iCan System operations through specialized electronic modules.



iCan Multimedia

This module streams multimedia content over the Ethernet network through several synchronized video displays.



iCan Switch

16 channels Ethernet switch.



iCan Mix

Multiple audio channels control (volume, mute...) with priority management.



iCan Control

Digital I/O control (lights, temperature, relays...).



iCan COM

Communication with multiple interfaces (SATCOM, ARINC, CAN, RS...).

Design Services - Building your own IFE/CMS

Starting from the Client specifications, we:

- define which architecture, Oxytronic modules and equipment are best-suitable
- bring necessary modifications (hardware, software, mechanical) to our products
- develop the software application to build your full IFE/CMS integrate, qualify and manufacture the system



Oxytronic Added-Value

Reducing costs and time-to-market:

- all our modules and equipment are standard products, certified and already installed in various programs
- only adaptations and application software are provided as design services
- all our modules and equipment are designed and manufactured internally in Aubagne.

Easy integration in any aircraft and helicopter:

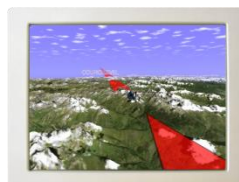
- iCan System® is a modular and flexible architecture providing most widely spread communication protocols, video and audio standards in aircrafts and helicopters
- iCan System® can be easily integrated with the aircraft on-board network thanks to the iCan Com module.

Oxytronic Markets

- VIP Helicopters, Business Jets and specific equipment for Commercial Aircrafts.
- Military Vehicles and Boats
- Private Yachts

Oxytronic References

- H175 VIP
- H225
- AS365 VIP
- A320 VIP
- B737
- A320



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