

GH Consoles

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SITTI have been working for many years side by side to ATC clients worldwide, offering its unparalleled competence and expertise. This allowed SITTI also getting a vast experience in delivering tower and ACC consoles to give operators the best workplace and contributing to making their air traffic control tasks easier and more comfortable.

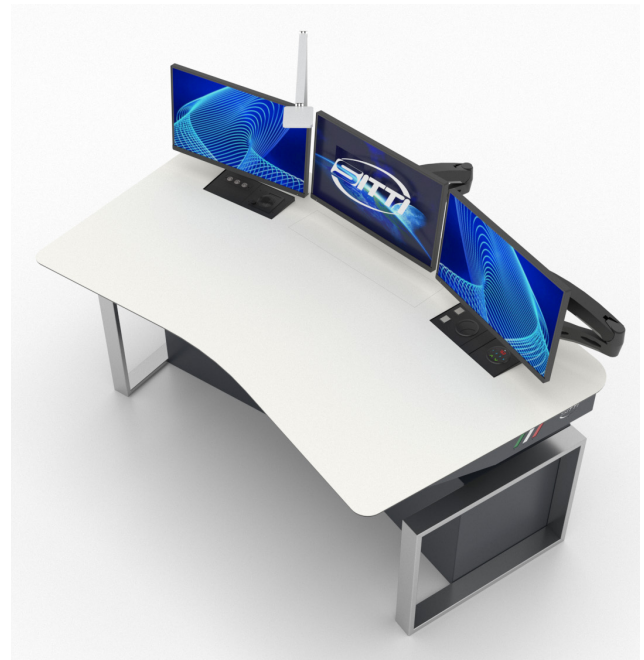
GH Consoles are the result of such a long process, based on the know-how acquired by SITTI in delivering a large number of towers and ACC operative installations, taking into full account all recent technological trends that see information sources, normally distributed on individual displays, being consolidated and concentrated into multifunctional terminals.

Priority has been given to simplicity and ergonomics to offer friendly solutions for comfortably accessing all required operating functionalities, centred on the operator and his task requirements.

Construction and Materials

A console for air traffic control purposes is thought for a continuous 24/7/365 use. This makes the choice of materials extremely important to ensure the client a long lasting and future-proof solution, capable of coping with changing needs and requirements. Materials shall not only allow the required flexibility, but also properly consider all working conditions, not forgetting aesthetics.

- All consoles belonging to the GH series have an aluminium profile structure that provides the needed strength, stability and endurance. Aluminium contributes to keep the console weight low and gives high flexibility in construction and installation, thus allowing the client to possibly rearranging the tower or control room layout when new needs come up.



- The work surface is made of HPL (High Pressure Laminate). This is a very versatile non-porous material, that makes the workplace waterproof and easy to maintain and clean, thus making it easy to guarantee hygiene and durability over time. It is also very elegant and gives a nice touch-and-feel sensation to operators during their daily operations. HPL is opaque with an extremely low light reflexion index for a more comfortable use.
- Two motors allow controllers to adjust the height of the work surface to adapt it to different and variable working conditions, without losing control and situational awareness over the activities they are responsible for.
- High quality colours, removable panels in stainless steel, customisable bays for accommodating loudspeakers and control devices, moveable arms, large internal space for communication equipment complete this high level product.



Engineering and Ergonomics

The design of GH consoles had two major objectives: to create a working position easy to assemble and install and to provide controllers with a comfortable and ergonomic workplace.

The console structure is such that it is easy to be mounted on site, thus overcoming possible space and transportation problems, very common in airport towers. This also reduces lead time and associated costs. On the other side, ergonomics is essential to air traffic operators, while maintaining clear line of sight and placing communication devices in the best position ever. The design of course considered all applicable international standards on ergonomics.

The space internal to the console can be used to house communication devices, thanks to the two 19" racks, each of which is 8 U high, that allow rear access for non-disruptive maintenance activities. An intelligent cable distribution arrangement reduces the burden of physical connections between different pieces of equipment. Power distribution is protected.

// Main Characteristic

Minimum worktop height	730 mm
Maximum worktop height	1130 mm
Rear width	1784 mm
Front width	1517 mm
Depth	1021 mm
Number of racks inside	2
Height of each rack	8 U

// Finishes

Colours	Any RAL colour, at customer choice
Customizable Corporate Logos	Yes
Power distribution	Protected
Access panels	Removable

