



PROCESSING

From single function dedicated units to multi functions data acquisition management and concentrator units based on high performance electronics



S I S T E M I A V I O N I C I

Since 1962 LOGIC has been studying, developing, manufacturing and selling Aeronautical Equipment.

Benefiting from decades of experience and familiarity with the latest technologies, LOGIC not only meets requirements but achieves standards of excellence.

Highly professional engineering skills and techniques ensure the highest levels of performance are achieved throughout all phases of the project: Design, Development, Qualification, Production and In-Service Support.

LOGIC's flexibility in tailoring solutions to the needs of the Customer has generated a wide range of equipment for the various families of products.

LOGIC has Qualified Supplier status with the world's major manufacturers of fixed and rotary wings aircraft.

PROCESSING

Our processing units provide the highest computation performance, meeting the most stringent flight safety requirements. Logic pays particular attention to data link supports, assuring the capability to easily integrate Logic units with all on-board systems. Internal data storage ensures extensive data logs are readily available for both on-board operations as well as after-flight data evaluation and post-processing.

MAIN FEATURES

Extremely high computing capabilities;
Multiple data link support (1553Bus, Arinc 429, USB, CAN BUS, Ethernet, Wireless);
Wide analogue signal processing;
Real time applications with no operating systems (Software on Chip);
Safety critical applications up to Do 254 and Do 178 DAL A;
Dissimilar technologies satisfying safety constrains.

EQUIPMENT

- Multi Applications Computers
- Data Concentrator Units
- Health and Usage Monitoring Units
- Vibration Management System Computers
- Store Management Units
- Audio Warning Generators



Our systems fly on:

- ALENIAAERMACCHI M346
- AGUSTAWESTLAND A109 - A139- AH101
- AIRBUS HELICOPTERS SUPERPUMA MKII+
- HINDUSTAN - ALH
- NHI - NH90

OUR IDEAS FLY ALL OVER THE WORLD

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