



**ESARIS**  
INDUSTRIES

# LA LETTRE 01 2021



EN3660  
NADCAP  
WELDING

EN15085



**CERTIFICATION - STANDARDISATION**

## **New milestones passed in 2020**

**The end of 2020 saw a rich new crop of certifications for the companies in the ESARIS INDUSTRIES group, especially on the aeronautics side. Other certifications are in preparation and should be granted in 2021.**

An integral part of the Group's strategy, the standardisation of special processes and products gives ESARIS INDUSTRIES a real competitive advantage: we guarantee our customers qualified technical solutions for applications in harsh environments. Although this process began several years ago, things speeded up considerably in 2020.





### Nadcap Welding certification

NADCAP accreditations are open to companies with EN 9100 certification wishing to qualify their special processes. They are becoming a specific requirement of many customers in the aeronautics industry.

**FELS, based in Strasbourg, has just been awarded the Nadcap Welding certification covering special processes in electric welding, high frequency brazing (induction) and oxy-acetylene brazing. At the same time, SAUMAC, based in Courtomer, has just had its Nadcap Welding certification renewed.**



### A range of Black Zinc Nickel accessories

ATI-INTERCO offers a wide range of accessories designed to ensure the continuity and protection of electric cable harnesses in harsh environments. Changes in the environmental regulations (RoHS) have led us to find and qualify alternatives to coatings containing hexavalent chromium. **ATI-INTERCO has therefore been conducting tests on products coated with Black Zinc Nickel. These tests have validated 312 hours' exposition to salt spray, and confirm in the meantime, preserving the continuity resistance.** In other words, electrical performance is maintained after exposure.

### ATI-INTERCO and the EN 3660 standardisation programme

Adhering to standards means guaranteeing our customers qualified technical solutions for all the stakeholders in the supply chain. The EN 3660 standard covers a wide range of rear accessories for circular electrical and optical connectors, sealed straight and 90° cable outlets for EN3645 and EN 2997-type connectors.

**Specially designed for the leading operators in the aeronautics and space industries, four "Aerospace" series will soon be standardised.**



Examples of type K shielded, sealed cable outlets for heat shrinkable boots: left, EN 3660-062, 90° self-locking cable outlet for EN 3645, right, EN 3660-064, straight, self-locking cable outlet for EN 2997.

### EN 15085 certification

**THIVEND is preparing to certify its welding and fabricated assembly processes to standard EN 15085** in order to develop its business with the railway and military equipment industries.

