



ALIS

"The" universal and global solution for unitary leather traceability, designed and developed by CTC

AN INNOVATIVE TRACEABILITY SYSTEM

ALIS (Automatic Leather Identification System) is the only reliable and secure solution that allows the complete traceability of each hide throughout the entire transformation process, from raw hide to finished leather.

By identifying the origin and reconstructing the route of the raw material, ALIS is an essential innovation to secure the global leather industry.

This global solution is patented. It is the result of more than 15 years of research carried out by CTC experts alongside the French leather industry. It is a **pioneering** system, able to meet **the global challenges** of traceability.

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ALIS

UNITARY LEATHER TRACEABILITY SYSTEM



ALIS addresses the multiple and growing challenges of CSR (animal welfare, environmental impact of the product/process, deforestation, etc.) and contributes to the improvement of leather quality.

ALIS
a guaranteed
traceability
signed by CTC

The ALIS concept

CTC traceability consists of two complementary blocks, ALIS Marking, supported by SLCR's lightMARKER technology, and ALIS Reading, which ensure the industrialisation of the solution.

- ALIS Marking supported by SLCR's lightMARKER



A CO₂ gas laser technology that allows the marking of a unitary code, associated with the animal, within the hide to secure its identification. The marking can be done on all types of hides (big cattle, cattle, sheep), on the collar, at the raw, fresh or salted stage (though the latter is recommended). It has been designed and patented by SLCR to withstand the leather transformation process.



- ALIS Reading



An industrial tool that ensures **the automatic and secure reading of markings**, despite the deformations induced by the tanning and leather transformation processes. This device is based on a camera acquisition system and Artificial Intelligence algorithms, trained to resist this industrial process. Information related to the quality and origin of each hide is automatically retained and stored in a database thus generated, which allows the sharing of information between the different sectors (meat and leather), from breeding to finished leather.

This innovative unitary leather traceability system reflects the quality of CTC and SLCR R&D expertise.

The benefits of ALIS

A patented industrial technology with many advantages.

- **Autonomous devices** adapted to wet and saline industrial environments that can be integrated into existing production lines.
- Marking and reading operations **that take place in masked time** and are completed in one second.
- **Operator safety is assured:** smoke aspirated at the source, laser shot protection and isolation cover to eliminate any risk of dermal or ophthalmic burns.
- An operational technology: **the result of 15 years of research** by the French leather industry, supported by CTC, which has developed this system.
- **This system is patented**, both lightMARKER and ALIS Reading.

