



Productive processes identification

Traceability guarantee



General Vision

Problem: Necessity of tracking productive process.

Solution: Usage of Titan General RFID tags in the products and positioning of antennas and readers for parts identification.

Advantages: More traceability speed in production and industrial process.

Benefits: Waste of time and material is avoided in the process traceability.

Target: Industry.

Hyundai guarantees great traceability in the productive processes

One of the solutions implemented by ACURA Global guarantees great traceability in one of the biggest automobilistic companies in the world.

Hyundai Motor Company established objectives to provide, to the consumer, latest technologies, impeccable quality and the best value in industry. Hyundai Motor Company became one of the five biggest builders in the world by continuous investment in the development of futuristic concept cars which became reference in competence, technology and creativity. In April 2007 Hyundai Caoa Montadora is established, in the city of Anápolis (GO), and the HR truck production starts.



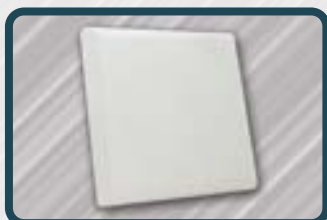
Ideal Products for the Solution



500.024 - M6 UHF Reader

The Mercury 6 is a UHF RFID reader with small dimensions and high-performance. Based on the powerful M6e module, it supports Up to 4 monostatic antennas, digital inputs and outputs and a Wi-Fi connection. It also has an API for software development in C, .NET and Java.

For more information about this product, [click here](#).



500.277 - UHF Monostatic Compact Antenna

The monostatic compact antenna has great performance, resistance and design. Approved in several tests, it can be used on internal and external environments, with inox and aluminum metallic parts. It can be used along with any ACURA UHF RFID reader that supports monostatic antennas.

For more information about this product, [click here](#).



500.470 - AcuTag UHF Titan General

AcuTag UHF Titan General, ideal tag for severe environments with exposition to high temperatures, impacts and chemical products.

For more information about this product, [click here](#).

About the Solution

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Proposed Challenge: Tracking the productive process avoiding material losses and delays in production steps.

Equipment: M6 UHF reader, Titan General UHF tags and Monostatic Compact Antennas.

Solution: Usage of Titan General RFID tags, which is capable of withstanding automobilistic operation attending to specific norms, in production items and positioning of antennas and readers for part identification.

Functioning: The tag is applied to the parts. When the part goes through the antenna, it sends a signal identifying the part and its position in the productive process, improving the material conference speed and avoiding losses and delays.

Features / Practical improvements: With this automated system, the need personnel presence for productive process conference is avoided.

Gains / Benefits: Waste of time and material is avoided in the process traceability, increasing security.

ACURA has a focus on the market of general identification, with emphasis on RFID (radiofrequency identification), providing RFID Tags (Transponders), Proximity Cards, RFID Readers and Data Collectors.

For more information about this and other ACURA solutions, visit www.ACURAGLOBAL.com

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