

Your traceability
makes it safe.



SMARKTEC

powered by
REA JET



TRADITION. KNOWLEDGE. EXPERIENCE. WE PROVIDE YOUR PRODUCTS WITH IDENTITY.

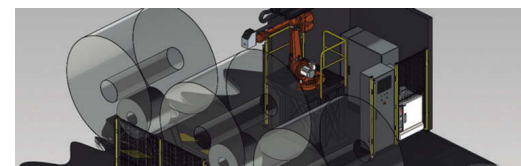
SMARKTEC is a company rooted in the Basque Country, a region with a long history in the steel industry and a worldwide reference for its quality and tradition, and has solid expertise linked to this sector.

The SMARKTEC team of engineers has been designing and engineering marking and traceability solutions for more than 30 years. Their work is based on a systematic process of requirement analysis and research that enables them to develop innovative solutions tailored to each specific problem. This substantially improves marking processes and increases the overall productivity of manufacturing processes.

The most representative Steel Groups in the sector have been counting on SMARKTEC's services for years, thus assuring the quality of their products, innovation in their manufacturing processes, increasing their competitiveness and improving their image towards their customers.

In order to provide a global answer to the needs of marking and traceability, SMARKTEC has created a strategic alliance with the German company REA Elektronik GmbH. This collaboration reinforces SMARKTEC's consistency and enables the company to be present worldwide.

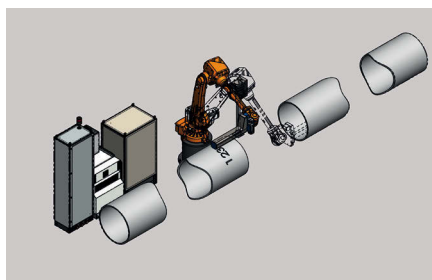
powered by
REA JET



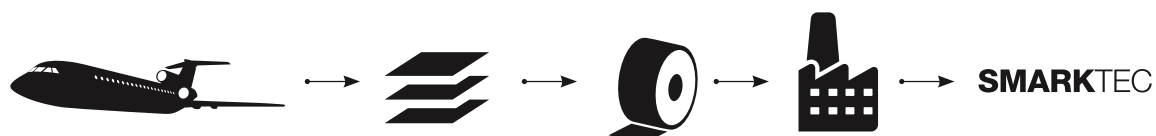




THE FASTER YOU GO BACKWARDS,
THE QUICKER YOU MOVE FORWARD.



How can a defective part be spotted? How long does it take to spot it? How much does it cost not to guarantee the traceability of production? What penalties does your company have to pay?




SMARKTEC supports its clients to economically quantify the mistakes derived from the lack of marking and traceability systems and proposes them solutions to automate this process. This enables manufactures to significantly reduce the amount of refunds, the cost of re-manufacturing the defective parts and of the penalties they could be liable to.

The automation of marking and traceability provides the manufacturing process with consistency and reliability. The equipment has a very high overall availability (OEA, OEE) and a very low rate of failures, thus increasing the time between failures (TBF).

The automation of marking guarantees uniformity in the printing and avoids human errors completely. The use of OCR characters makes the use of machine vision cameras possible in order to automatically gather the code marked and manage the traceability of the production process. This way, both total traceability and quality of finished products are assured.







DO NOT LOOSE
TRACE OF YOUR
PRODUCTS
EVEN WHEN
THEY ARE NO
LONGER YOURS.

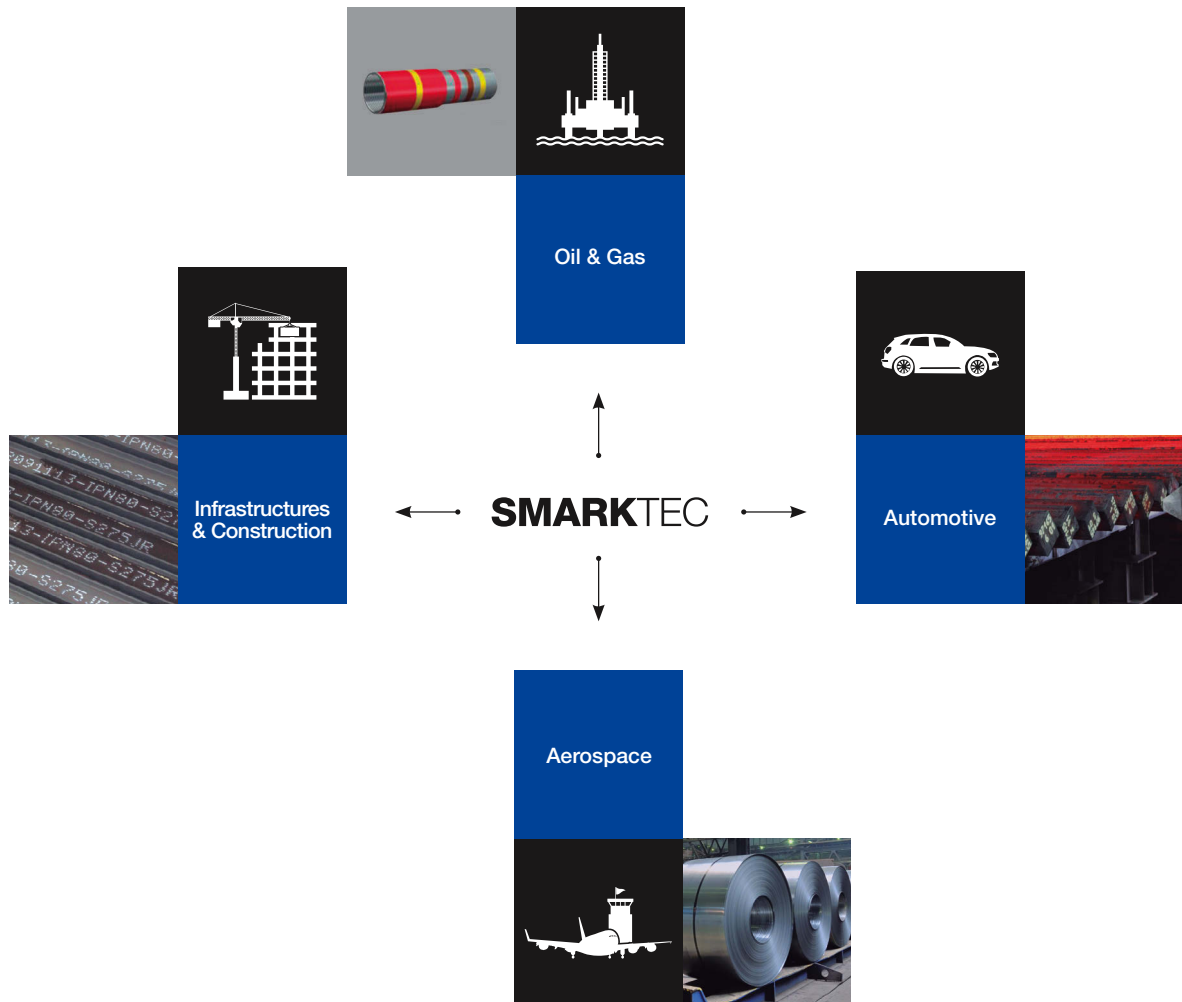
SMARKTEC. Advanced engineering for marking and traceability.

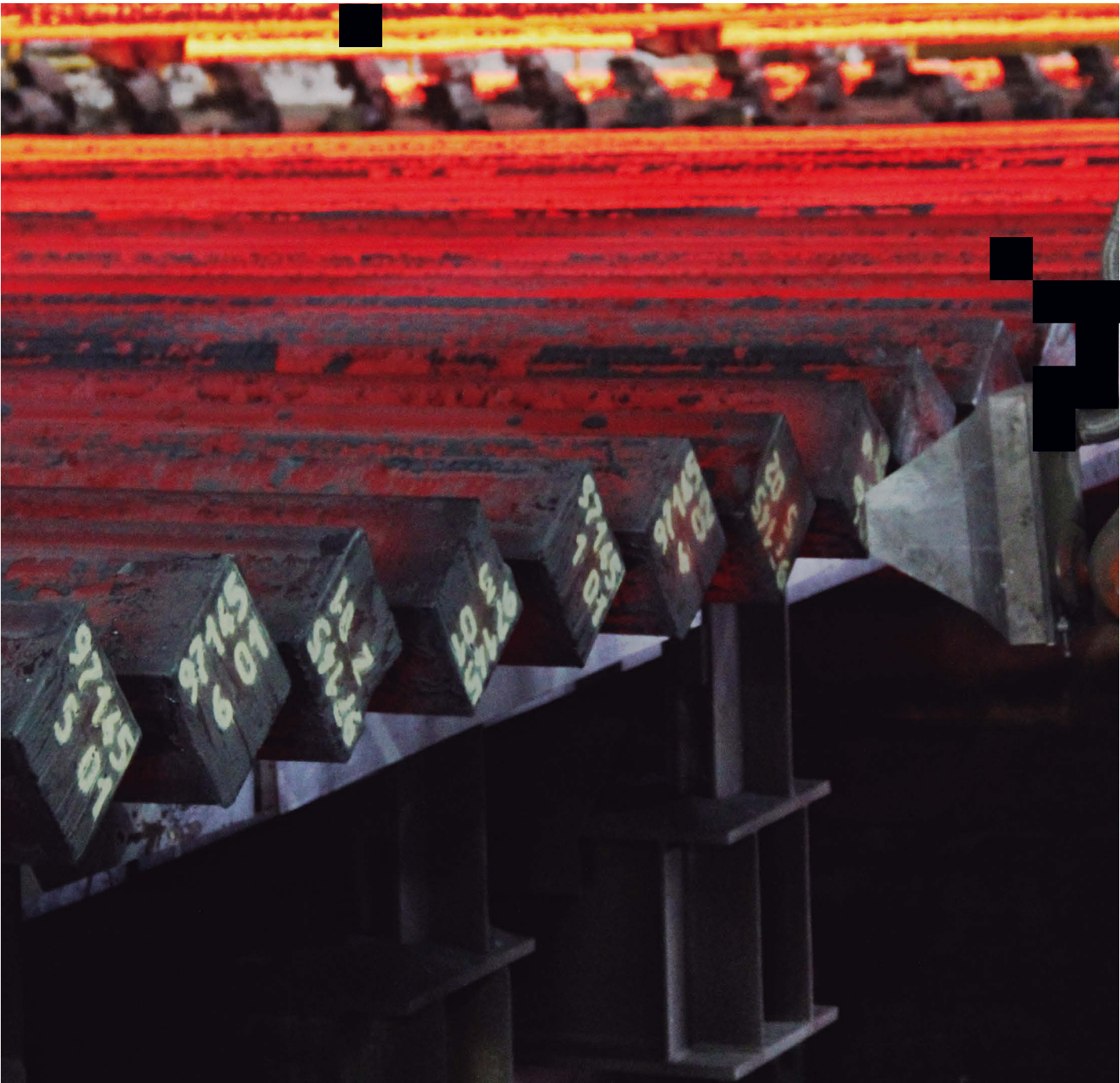


OVER 30 YEARS MARKING THE STEEL INDUSTRY.



The characteristics of marking and track & trace solutions SMARKTEC provides, assure the quality, consistency and competitiveness of the most demanding sectors. SMARKTEC serves marking equipments for the automotive, aeronautical, oil & gas and infrastructure and building sectors among others.





YOU NEED NO MORE.



Engineering

Over 30 year experience in designing engineering solutions, software development and communications to automate marking processes and assure the traceability of the largest and most demanding steel groups worldwide. The SMARKTEC solutions are consistent, reliable and resistant and are specially designed to work under the most challenging conditions in steel manufacturing environments.



Automation

The automation of marking solutions and their integration within the manufacturing process make it possible for clients to optimize the overall availability of their equipment, increase their consistency and reliability and reduce the costs derived from marking mistakes, human intervention and time between failures.



Flexibility

The systematization of data and specification gathering from the client is the first step within a normalized research process that ends up with the development of unique and innovative solution, which is tailored to the needs of the client.



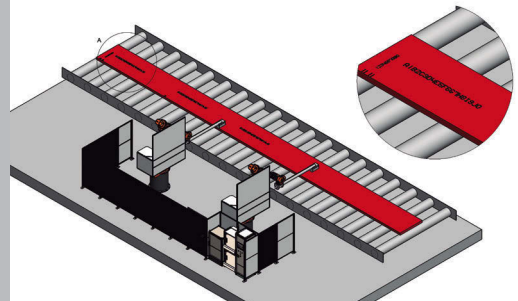
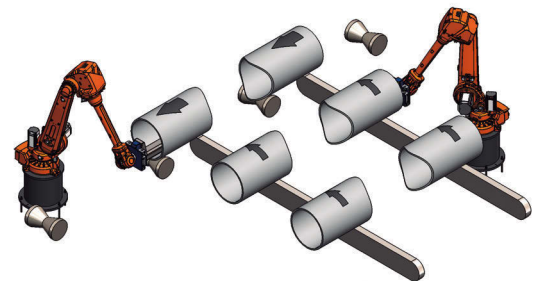
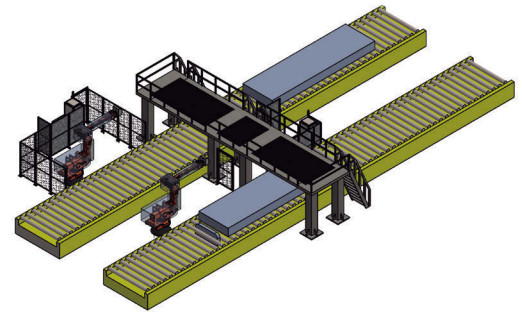
Coordination / Leadership

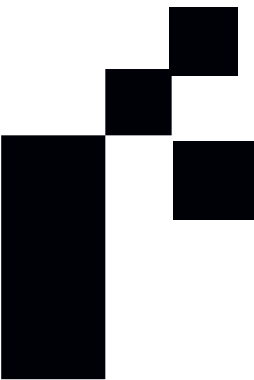
SMARKTEC leads the project development and coordinates with the client its integration and commissioning in order to assure the maximum efficiency of the proposed marking solution.



High technology and Machine vision

Marking high quality OCR characters and data matrix codes enables the use of machine vision systems that automatically gather data and assure the traceability of the product.





SMARKTEC

REA Systems
7307 Young Drive
Walton Hills, OH 44146
sales@reasystems.com
www.reasystems.com

