



Calmell features state-of-the-art equipment for its smart ticket and product labelling line. It allows massive manufacturing runs ensuring high reliability due to its patented system of detection of defective transponders with which **100% tested** RFID products are achieved at input and output.

Smart Ticket

Family	Product	RF Interface	Operating Distance	Frequency	Annual Report	Applications
Mifare	UL 1k Desfire	ISO/IEC 14443A	Up to 100mm	13.56mHz	512 bits 1 kb 2 kB/ 4 kB/ 8 kB	Public Transportation Access and Control
Calypso	SRT512 Sri512	ISO/IEC 14443B	Up to 100mm	13.56mHz	512 bits 512 bits	Public Transport Industrial Applications
ICode	SLI-S SLI-S HC	ISO 15693	Up to 2.0m	13.56mHz	512 bits	Pharmaceutical Libraries Fashion and Trade Labelling

Smart Tickets

Contactless payment has swept through public transport access systems, ski slopes and many others. Technological change is already a reality, and the smart ticket allows for evolution at a reasonable cost. In all its formats (**rolls, fanfolded and single unit dispatch**), Calmell offers the widest range of products.

Calmell can manufacture smart tickets with all types of chips, inlays and materials (thermal / non-thermal, protection against breakage, gloss / matte, ...)

Graphic and electrical customisation: Smart tickets can be printed in **multiple colours** by different systems, and tailor-made individually, adding numbering, chip coding and application of barcodes and/or security holograms.

Labels & Other RFID

Smart labels are becoming increasingly important in a wide variety of sectors and applications, for their **flexibility**, the ability to be easily printed, **data storage** capacity and in short for being a supplier of identification and location of items in the supply chain more immediate, automatic and accurate.

RFID technology can also be found in **other formats**, such as USB keys, tokens, wristbands, etc. to fit the needs with regard to shapes, materials and sizes.

