



Manufacturer of High Performance
RFID Tags

About Us

Established in 2005, Omnia Technologies is a leading manufacturer of Radio Frequency Identification (RFID) tags for auto identification and tracking.

Our state-of-the-art facility is located at the Industrial Modern Township (IMT), Gurugram, India, where we design and manufacture international quality RFID tags in various frequency ranges including low (LF), high (HF) and ultra-high (UHF) as well as NFC tags. Our in house R&D lab consisting of expert analysts, engineers and designers, focuses on developing and customizing high performance, innovative and industry specific tags. Having over a decade of experience in design and manufacture of RFID Tags for quality conscious markets such as Germany, Holland, UK, Ireland, Japan and USA, Omnia has become a globally recognized brand.

Objectives



Strengths



High Quality

- Stringent quality control as per ISO standards
- In-house lab for environment testing
- Availability of skilled engineers & technicians in India



Wide Range

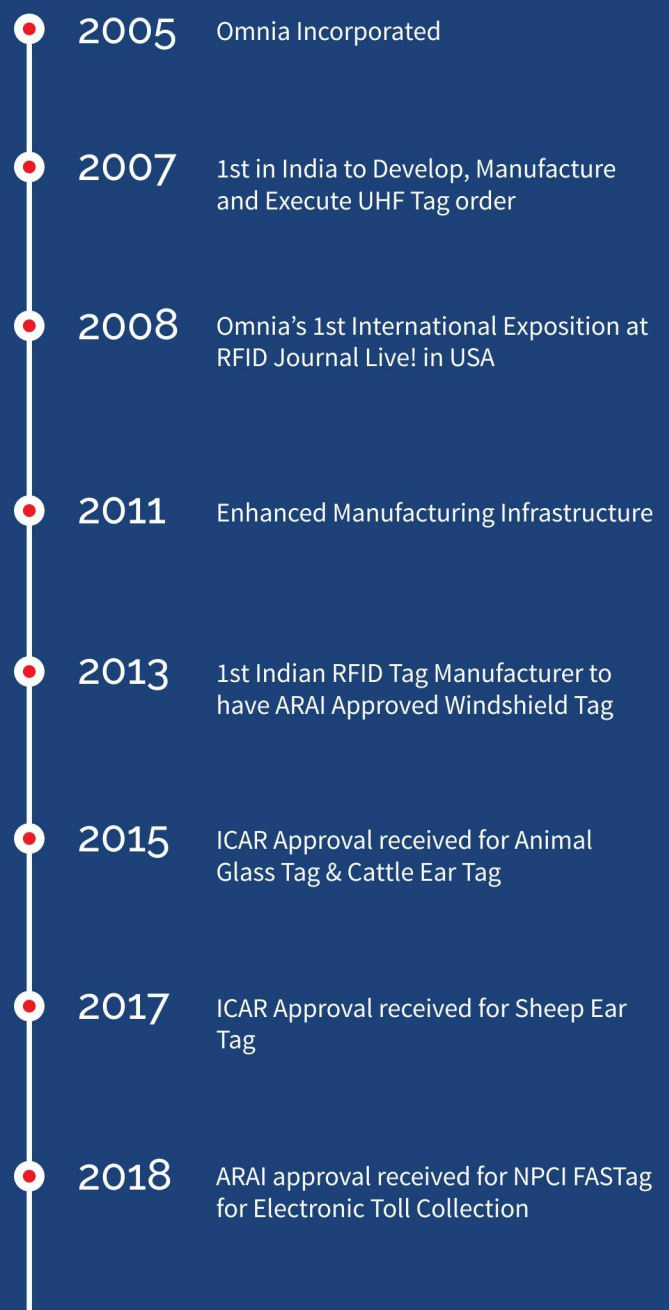
- Various form factors
- Tags operating in LF, HF & UHF
- Application, industry & customer specific tags



Competitiveness

- Competitive Cost
- Free from any taxes (Export free Zone)
- Combination of automatic & manual process

Our Journey



Tag Portfolio



Laundry Tags

Omnia Laundry tags provide a durable means to read garments automatically without a line-of-sight for multiple wash cycle. Tags can be read-only or read-write and have individual as well as batch-wise identification based on the requirement.

Application

Laundry Management
Asset Management



Waste Bin Tags

Our waste bin tags are made by pouring Epoxy over a RFID transponder in a plastic casing. It is developed with a rugged plastic housing to protect it from dirt and other environment conditions. This tag is available with different chips and memory sizes.

Application

Waste Management



Animal Ear Tags

Our ICAR approved animal ear tags are made with special TPU material and over-moulded making them robust and durable for outdoor environment. Our ear tags can be made reusable or tamper-proof depending on application, and can be made in custom colors for cattle and sheep/ goats.

Application

Livestock Management
Animal Identification & Tracking



Glass Tags

Our ICAR approved glass tags are designed for livestock & pet identification. They are versatile products with numerous size & memory chip offerings. The packaging of the glass tag is resistant to chemicals and humidity.

Application

Animal Identification & Tracking
Automobile Immobilizer
Pigeon Tracking



NFC Tags

Our NFC tag is a special material independent tag. This tag can be used for multiple NFC application & can be customized to work on metal or non-metal surface depending upon the application.

Application

E-transaction
E-ticketing
Cashless Payments



Cable Tie Tags

Our Cable Tie Tag is a UHF Gen2 long range passive tag. It is available in two variants; a one-time usable tag ideal to maintain asset security or a reusable tag, which can be recycled several times. Both tags can be developed in various sizes as per application requirement.

Application

Pipe Identification
Asset Tracking
Oil & Gas Industry
Application



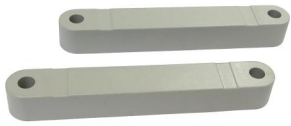
Wristband Tags

Our wristband tags are produced using highly sophisticated process and provide outstanding performance and durability in harsh environment conditions. All our wristbands tags undergo various stringent quality tests throughout the production process.

Application

Access Control & Security
Events Ticketing & Identification
Health-Care
Hospitality
Amusement Parks

Tag Portfolio



Innova Tags

Our Innova Tag is a UHF long range passive tag. It is ideal for deployment in rugged and harsh environments and it gives excellent performance on metallic objects & plastic. Two high strength magnets on each side provide easy attachment and detachment on iron objects.

Application

Automotive Industry
Asset Tracking
Transport & Logistics
Aerospace
Container Tracking
Re-usable Assets like Pallets



Metallica Tags

Metallica tag is a UHF on-metal tag and is ideal for rugged indoor as well as outdoor environment and gives excellent performance on metallic objects. We can also customise this tag to work on RFID low and high frequency as per application specific requirements.

Application

Asset Tracking
Transport & Logistics
Inventory & Warehouse Management
NFC based Solid Waste Collection



Micro Tags

Micro tag is miniature on-metal UHF tag which provides unparalleled performance for its size. It is designed to obtain optimum read range when placed on metal and offers new possibilities for companies to improve their asset management. We can also customise this tag to work on RFID low and high frequency as per application specific requirements.

Application

Asset Tracking
Inventory & Warehouse Management
Equipment Tracking
IT Assets



Endura Tags

Endura Tag is designed for on-metal UHF application. It has a rugged construction and is over-moulded making it a highly durable tag. It reads from good distance when attached to metal. This tag can be fixed with the help of screws, rivets through holes provided or with industrial adhesive.

Application

Asset Tracking
Transport & Logistics
Container Tracking
Waste Management



Windshield Tags

Our Windshield Tag is a UHF Gen2 Tamperproof ARAI approved long range passive tag. It is ideal for Automatic Vehicle identification (AVI) and transportation applications including Electronic Toll Collection (ETC), and parking & security access.

Application

Electronic Tolling
Parking Management
Vehicle Identification

Customised Tags

Omnia has the capabilities to develop application specific tags as per customer requirements (LF, HF & UHF). The development of these RFID tags is based on a systematic process:



Develop Design

Material Selection

Prototype

Lab Testing

Customer Assessment

Pilot Production

Customer Approval

Final Production

Manufacturing Unit

Our manufacturing plant is spread across an area of over 20,000 sq. ft. Equipped with advanced machinery and backed with over a decade of experience; we have mastered critical processes such as antenna coil winding, chip bonding, plastic injection moulding, epoxy dispensing and glass sealing among others.

Our R&D center comprising of modern technology and led by a proficient team, has successfully developed many new designs as well as customized tags as per industry and client requirements and standards.

Our facility also has an in-house capability to test tags for frequency Q-factor, orientation/polarization, water protection, hot and cold temperature resistance, humidity and strength.

Our infrastructure and expertise have enabled us to be a pioneer in launching new tags and projects consistently and effectively.

Antenna Coil Winding



Chip Bonding



Assembly Line



Plastic Moulding



Contact Us



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