

# DISCOVER THE MULTIVERSE OF HALMA TECHNOLOGIES



Halma



Halma is a global group of life-saving technology companies with a purpose to grow a safer, cleaner and healthier future for everyone, every day.



FTSE 100  
company listed on  
London Stock Exchange



50+ Businesses operating  
in over 160 countries



8000+ employees worldwide



Decentralised operations with each Halma  
company operating independently



Certified as a Great Place to Work® in India

# 15 years of Halma in India

For over 15 years, Halma has been operating in India to provide innovative products and services, including niche technologies that are helping solve many of the key problems - from improving water quality to preventing blindness in ageing population, from providing fire safety solutions in critical infrastructure to ensuring smooth flow of vehicles at toll booths.

Today, Halma has nearly 50 companies, out of which 31 are in India, offering innovative solutions in the safety, health and environmental markets. Halma's highly decentralised business structure enables each of our companies to bring out solutions that suit customers' needs, are agile, and deliver a real competitive advantage to our customers.

We have our presence in 6 cities across India - Bengaluru (head office in India), Mumbai, Delhi, Ahmedabad, Vadodara and Thanjavur with over 250+ employees.



# SAFETY

Our safety technologies protect people and the places they work, enabling safe movement and enhancing efficiency across public and commercial spaces, and industrial and logistics operations.

## Safe Storage & Transfer

Our valve interlock solutions provide customised designs to protect assets and people. The interlocking of valves ensures that the integrity of the sequence of operations is maintained to avoid safety hazards due to contamination of products or undesired mixing of chemicals in certain key processes. We also provide leading-edge solutions for corrosion and erosion monitoring and chemical injection for many niche industrial applications.

**COSASCO**

www.cosasco.com

**sofis**  
valve operation

www.sofisglobal.com

*Our solutions are used by*

- Oil & gas industries
- Process, industry & plant
- Water industry, pharmaceutical & biotechnology
- Energy & Process industry
- Tank Storage
- EPC Contractors

## Fire Detection & Suppression

We offer fire and smoke detectors, audible/visual warning devices, networked wired and wireless fire detectors, and control system for niche applications in various infrastructures and workspaces. Our team of professionals and a network of partners make it easy for customers to find the right solutions.

Our special hazard fire suppression solutions use clean agents as a special inert gas suppression system to protect people, critical assets and remote equipment like windmills, CNC machines, server racks, solar panels, and electrical panels.

**FirePro.**

www.firepro.com

**HFI**  
SAFETY SIMPLIFIED  
A BUSINESS UNIT UNDER THE Halma SAFETY SECTOR

www.hfisafety.com

**Advanced**  
www.advancedco.com

**ARGUS SECURITY**  
www.argussecurity.it

**apollo**  
www.apollo-fire.com

**ffe**  
www.ffeuk.com

**FIRETRACE**  
www.firetrace.com

**nimbus**  
www.nimbusedigital.com

**Thermocable**  
www.thermocable.com

**VEIGA**

HFI, Halma's fire safety solution business in India within the safety sector, offers fire systems and solutions that are suitable for airports, metro stations, hotels, logistics warehouses and residential properties among other commercial facilities of all sizes.

*Our companies fire detection solutions are found in:*

- Commercial facilities like cinema halls
- Historical sites, Museums, Art Galleries
- Energy utilities
- Industrial & chemical facilities, warehouses
- High-rise residential or villas
- Educational facilities - R&D engineering labs
- Critical infrastructure (metros, airports, hospitals)
- High-value temporary facilities (circus tents, film sets)

*Our suppression solutions are suitable for*

- Manufacturing and machining (Heavy Equipment Mining Manufacturing)
- IT infrastructure, Data Centres, Industrial Scada Control Rooms
- Transportation & logistics (port, bus, airport)
- Industrial (mining, agriculture, chemical processing)
- Defence vehicles & aircrafts

## Industrial Access Control

We provide interlocks that ensure employees are safeguarded from dangerous machinery by eliminating the possibility of human error. We also have trapped key interlock solutions that help control risk and protect personnel against risks of hazardous energy, moving equipment/machinery, and potential entrapment or confined space areas.

*Our solutions are used by various industries and sectors*

**FORTRESS**

www.fortress-safety.com

**SEINTRIX**  
GROUP

www.sentricsafetygroup.com

**KIRK**

**STI**

**Castell**

Energy & Manufacturing	Sector
Energy distribution	Warehouse & distribution
Electrostatic precipitators	Rail
Uninterruptible power supply systems	Food & beverage
	Metallurgy, steel & heavy industry
	Aggregates & mining
	Petrochemical, oil & gas
	Chemical and pharmaceutical
	Waste & recycling

## People & Vehicle Flow

We design and manufacture motion, presence and safety sensors for multiple applications and provide LASER, RADAR and infrared technologies. Our automatic doors and automatic guided vehicle solutions enable safer movement in factories and warehouses. We also have ground-based, 360-degree radars for perimeter protection of crucial infrastructures like airports and sensitive defense areas. These also detect accidents on expressways in all weather conditions.

**BEA**

www.bea.be

**NAVTECH**  
RADAR

www.navtechradar.com

*We offer*

- Pedestrian sensing solutions
- Expressways monitoring solutions
- Vehicle sensing solutions for toll booths
- Public transportation solutions
- Security & access
- Perimeter protection
- Industrial sensing solutions

## Pressure Management

Our pressure management solutions, such as rupture discs, explosion vents and burst detection sensors, protect against the catastrophic effects of an overpressure event, and help minimise disruption. We also provide precise design calculations based on the understanding of processes and products being handled to offer a fit-for-application solution.

**OsecoElfab**

www.osecoelfab.com

*Our solutions are used by various industries*

- Chemical & petrochemical, refining
- Pharmaceutical and biotech
- Food & beverage
- Electrical energy storage, transmission & distribution
- Manufacturing

## Power

We develop and produce test systems for cables, backplanes, electronic parts, and components. With sought after solutions like wire harness cable tests, we are a reliable partner for companies in the automotive, industrial, aerospace and transport sectors.

**WEETECH**

www.weetech.com

*Our key markets are*

- Automotive
- Railway & Transportation
- Mechanical Engineering
- Aerospace

## Elevator Safety

We deliver a niche range of safety and communication products for lifts, including light curtains for elevator doors, emergency telephones inside lifts and connectivity solutions for premium workspaces and environments.

**AVIRE**

www.avire-global.com

*Avire's elevator safety solutions are installed at*

- High-rise buildings
- Airports
- Rail & underground stations
- Healthcare facilities
- Sports stadiums

# ENVIRONMENTAL & ANALYSIS

Our Environmental & Analysis technologies monitor and protect the environment and ensure the quality and availability of life-critical resources.

## Gas Detection

Our range of gas safety detection devices ensures environmental and personal safety in industrial, commercial and residential applications. We offer gas leak sensors for pipelines that can be used in single as well as multi-gas environments and are fixed as well as portable.



[www.gasleaksensors.com](http://www.gasleaksensors.com)



[www.crowcon.com](http://www.crowcon.com)



[www.sensitron.it](http://www.sensitron.it)

*Our solutions are used by various industries and sectors*

- Oil & gas • Industrial and refrigeration
- Natural gas municipal utilities
- Natural gas distribution & transmission companies
- Fire & EMS departments • Industrial health & safety
- HVAC contractors

## Water Treatment & Analysis

We offer a range of water solutions – from water leak detection technologies in underground pipes to flow meters and dataloggers that can be used in utility network monitoring to reduce non-revenue water (NRW). We have both in-line and sample water quality measurement solutions to measure Ph, Dissolved Oxygen, Free Chlorine, Florine, Arsenic, etc., helping make water accessible to the vulnerable sections of society.



[www.hwmglobal.com](http://www.hwmglobal.com)



[www.hydreka.com](http://www.hydreka.com)



[www.palintest.com](http://www.palintest.com)



[www.sensorex.com](http://www.sensorex.com)



[www.nuvonicuv.com](http://www.nuvonicuv.com)

*Our solutions are used by various industries and sectors*

Environment agencies	Industry	Government
Clean water & wastewater	Water utilities	Public and municipal utilities
Solar power & electric vehicle charging	Pool & spa	Building and facilities management
Environmental monitoring	Food & beverage & Agri	Local council and government
Sustainability & green facilities	Process Industries	
Studies/Surveys - Water measurement campaign	Chem/Petrochem	
Drinking water flow & quality monitoring	Power generation	
Aquaculture & hydroponics	Pulp & paper	
Wastewater & industrial discharge monitoring	Oil & gas	
Polluted sites & diagnostics		

## Environmental Monitoring

We provide sensitive and accurate mass flow meters and controllers for application in high-end research labs, vacuum pressure deposition, nitriding, and many more. We also offer cutting-edge technologies that monitor and maintain underwater infrastructure, including offshore wind farms, naval defence, ocean science and research, rescue, and search missions.



[www.alicat.com](http://www.alicat.com)



[www.deeptrekker.com](http://www.deeptrekker.com)



*Our solutions are used by various industries and sectors*

Industries	Application Environment
Oil & gas	Atmospheric & environmental testing
Aerospace	Fibre optics
Automotive manufacturing	Fuel cell development
Industrial process control	Laboratory science
Petrochemical & chemical	Vacuum deposition & solar energy
Brewing, beverage & food product	Leak testing & calibration
Bioreactors/Pharma	Aqua culture
Defence & Maritime	Ocean Science
	Underwater discovery

## Optical Analysis

We provide light measurement and calibration solutions that use photonic sensing technologies. From high-end scientific research to space missions, from LED calibration to mobile phone manufacturing, from colour calibration in mobile phones to image calibration of satellites, we help our customers discover the magic of spectrum based non-destructive testing that can save time and effort and help advance the research.



[www.labsphere.com](http://www.labsphere.com)



[www.oceaninsight.com](http://www.oceaninsight.com)

*Our solutions are used by various industries and sectors*

Sector	Life Sciences
Automotive & transportation	Lighting & illumination
Consumer electronics	Industrial photonics.
Cosmetics & sun protection	Medical & life science
Telecommunications	Biomedical & medical imaging
Education & environmental	Research & science
Food & agriculture; Safety & security (defence, forensics, law enforcement)	





# HEALTHCARE



Our Healthcare technologies enhance the quality of life for patients and improve the quality of care delivered by healthcare providers.

## Health Assessment

We provide cutting-edge diagnostics technologies that assist healthcare professionals in monitoring patients' vital parameters for better patient outcomes. Our technologies include ambulatory blood pressure monitoring, holter machines, portable electrocardiogram (ECG) monitors and diagnostic devices for veterinary doctors.

Our industry leading real-time location systems (RTLS) monitor assets, patients, healthcare professionals, and visitors inside large hospitals. Similarly, our telemedicine and AI diagnosis provide perinatal monitoring of the mother and child's health. Our ophthalmic lenses and equipment help eradicate preventable blindness by enabling patients to have easy access to reliable eye screening and diagnosis.



[www.cardios.com](http://www.cardios.com)



[www.meditech.com](http://www.meditech.com)



[www.centrak.com](http://www.centrak.com)



[www.riester.com](http://www.riester.com)



[www.keeler.co.uk](http://www.keeler.co.uk)



[www.SunTechMed.com](http://www.SunTechMed.com)



[www.volk.com](http://www.volk.com)

### Our solutions are used in various medical and healthcare institutions

Medical	Industry
Medical devices	Hospitals
Cardiology	Pharmacies
Primary care & Gen practices, emergency healthcare	Research
Ophthalmology & optometry	Students
Paediatric	Veterinary
Surgical	Educations
Haemodialysis	
Telemedicine	
Pulmonology	

## Therapeutic Solutions

During the pandemic, our technologies like oxygen sensors and ventilator support devices significantly improved patients' lives.

Our surgical ophthalmic range assists ophthalmologists in cataracts, glaucoma and other surgical procedures. Our technologies also include patented solutions that dehumidify as well as humidify gas samples before their analysis. We also have FDA-cleared bone graft products that accelerate bone regeneration.

Our high-quality medical devices are used in interventional radiology and oncology, radiation therapy, as well as in neuro-spine, cardiac, orthopaedic and image guided surgeries.



[www.izimed.com](http://www.izimed.com)



[www.maxtec.com](http://www.maxtec.com)



[www.medicel.com/en/](http://www.medicel.com/en/)



[www.novabone.com](http://www.novabone.com)



[www.microsurgical.com](http://www.microsurgical.com)



[www.permapure.com](http://www.permapure.com)



[www.tedansurgical.com](http://www.tedansurgical.com)

## Life Sciences

We help to resolve the world's toughest diagnostic and analytical challenges by working with medical diagnostic equipment manufacturers to design customised pumps, valves, rotors, peristaltic pumps, and other components that deal with the precision handling of fluids in the diagnostic process.



[www.arcmedgroup.com](http://www.arcmedgroup.com)



[www.longerpump.com](http://www.longerpump.com)

Medical	Industry
Analytical instruments	Pharmaceutical
Healthcare devices	Environmental monitoring
In vitro diagnostic (IVD)	Water & waste
Scientific research	Electronics industry
Clinical diagnostics	Industrial chemistry
Analytical chemistry	Print & packaging
In vitro diagnostics & life sciences	Paint & pigments
Genomics	Food & beverage
Low-pressure liquid chromatography	
Scientific analysis	
Animal health	
Dental	







# PARTNERING

## FOR LONG-TERM POSITIVE IMPACT

Over the last 15 years, we have joined hands with several partners and customers from diverse industries to solve some of the key challenges in the safety, healthcare and environmental & analysis markets.

- ACC
- AIIMS Hospitals
- Amrita Institute of Medical Science
- Apollo Group of Hospitals
- Aravind Eye Hospital
- Aster Group of Hospitals
- Aurolab
- BHEL
- Capgemini
- Carl Zeiss
- Centre For Sight
- Cipla Mumbai
- Coca Cola
- Collins aerospace
- Delhi Metro Rail Corporation
- DLF LTD
- Dow Chemicals
- Dr. Agarwal's Eye Hospital
- Dr Shroff's Charity Eye Hospital
- Eaton
- Engineers India Ltd
- Forbes Marshall
- Fortis Healthcare
- Gas Authority India Ltd
- GE
- Glenmark
- Haldiram India Pvt Ltd
- Honeywell
- HUL
- IISc
- IITs
- Inorbit Mall
- IOCL
- ISRO
- Jaljeewan Mission
- JSW STEEL
- K.E.M. Hospital
- Kokilaben Dhirubhai Ambani Hospital
- Kone Elevator India Pvt. Ltd.
- L V Prasad Eye Institute
- Larsen & Toubro
- Lupin
- Manipal Hospital
- Mondelez India Pvt Ltd
- MRF
- National Institute of Ophthalmology
- ONGC
- P & G
- Pfizer
- PGI Chandigarh
- Prestige Group
- Rainbow Hospital Project
- Reliance Industries Ltd
- Ruby Hall Clinic
- Saint Gobain
- Sankara Nethralaya
- Schindler India Pvt. Ltd.
- Tata Chemicals
- Tata Memorial Hospital
- Tata Power
- Titan
- TUV Rheinland
- Vasani Eye Care Institute

“ Our journey in India is guided by our purpose—growing a safer, cleaner, healthier future for everyone, every day. For over 15 years, we have been working closely with our customers to solve their unique needs with our niche technologies. Our customers operate in diverse sectors, and we continuously reinvest in our companies to ensure that we maintain strong relations with our customers to fulfill their evolving needs.”

– Prasenjit Datta, Managing Director, Halma India

## Bringing our purpose to life in India

### Reducing congestion on Indian highways

Halma Company BEA's automatic vehicle classification laser sensors are installed in over 3000 toll lanes across India, including Mumbai Pune Expressway, Samruddhi Expressway and Mumbai's Rajiv Gandhi Sea Link, enhancing electronic toll collection accuracy.



### Tackling the water crisis with smart solutions

Halma company HWM offers intelligent sensors that predict sewer network blockages and thus prevent overflows and resultant pollution. HWM also has environmental monitoring technologies that play a critical role in preventing water leakages, saving billions of gallons every year in a world where water continues to remain a critical resource.

### Developing fire safety solutions for India

With HFI, a business unit under the Halma Safety Sector, we offer innovative fire-safety solutions for the Indian market. Through its manufacturing unit in Noida, HFI is contributing to the Make in India story and ensuring that its products are accessible to customers and partners across various markets in India.





# Halma



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