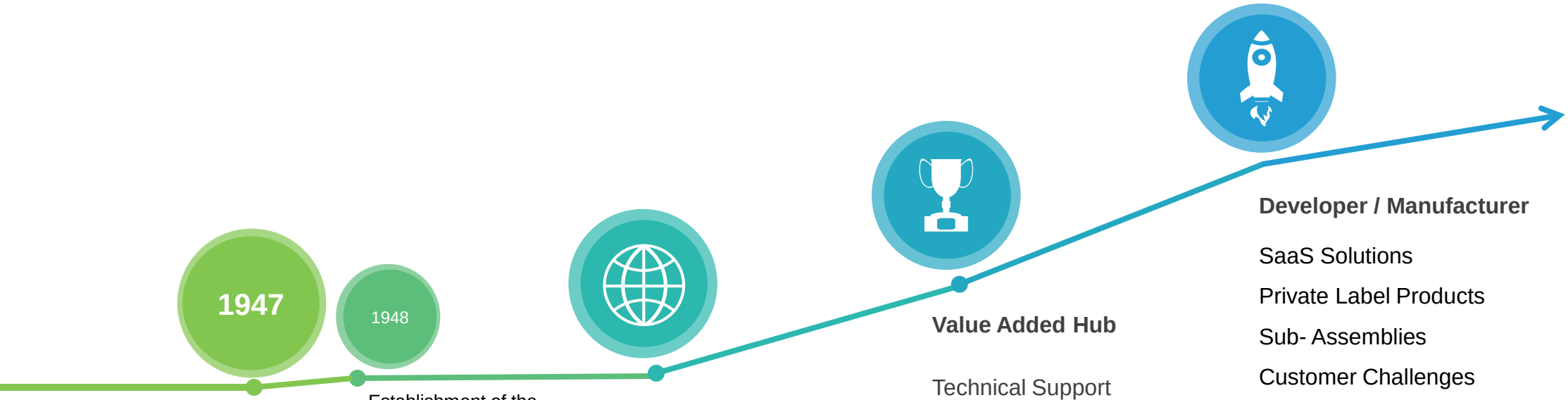
Radion Company Profile

https://electronics.radion.co.il

Radion Engineering Corporate company video

Development



Foundation

Radion, a privately owned company, founded by the late Mr. M. Goldberg

Establishment of the State of Israel

Representatives

Exclusive representation of leading manufacturers from around the world

Value Added Hub

Technical Support
Local Competence
Inventory
Service Teams
Installation
Integration
Knowing the Culture (C&P)
Market Coverage (Overlap)
House of Solutions
Engineering (Design)

Developer / Manufacturer

SaaS Solutions
Private Label Products
Sub- Assemblies
Customer Challenges

Vision

01 Lead

To be a leader in the fields of activity, in a respectable & honest manner

02 Core

To focus on core businesses, while catering for the needs of the customers and market requirements.

03 Pro

To provide a solution to customers’ application needs through know-how, expertise and the introduction of new products and technologies of premium quality.

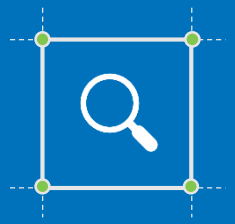
04 Aim

To encourage new developments, initiatives and technologies while maintaining and developing the company's existing activities .

About Radion

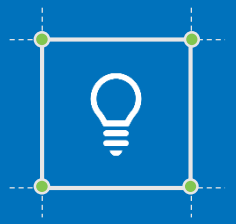
Radion Engineering Co. Ltd was established in 1947, before the establishment of the State of Israel, as a representatives' company.

Radion Electronics, as part of Radion Engineering Ltd.,
is acting as the exclusive representative for several of the world's leading electronic manufacturers.



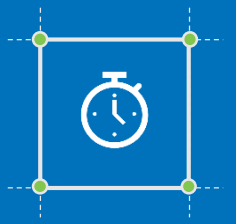
Sales

Pre-Sale
Customer Support
Logistics & COS*



Integration

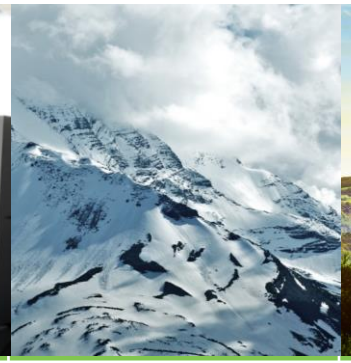
complete integrative technical solutions for extensive applications

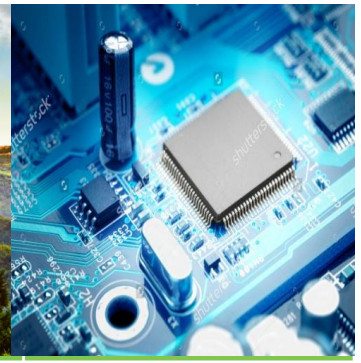


After-sales services

Maintenance, repair and customer service

Field of Activity





Heat & Power

Industrial Equipment, Marine and offshore Heat & Power components, systems and projects.

BMS Control

Controls and Systems for Building Management (DDC) Systems.

Drives & Instrumentation

Frequency converters, Soft starters and Instrumentation.
Variable Speed Drives,
Flow Meters
Energy Meters

Refrigeration & Air-Conditioning

Components, Controls and systems for Heating, Ventilation, Air Conditioning and Refrigeration Systems.

Projects for Industry

Electronics

electronic components and subsystems for a variety of applications

s y n e r g y

The company is active in several Business Segments

Each segment is an independent business unit. Each unit is free to develop and conduct itself in a manner that best fits the needs of the market in which it is active and be an expert in it.

The company's strategy always aims to be the best in its seemingly diversified fields and to synergize between them.

The synergy has proved to be a source of strength to Radion as well as to the companies it represents

It helped identify Radion as a "Solution Provider" rather than just as a components' supplier. It provides a rare added value, in the markets in which the company is active.

Resources

Certification

ISO 9001-2000 certified since 1999
ISO-13485 certified since 2014

Yearly planned training program and monitoring system

Facilities

Main office building in Petah-Tikva, in the vicinity of Tel-Aviv, housing the headquarters, storage, laboratory, customer support & training center (4 stories 1,000 m^2).
Additional Manufacturing & Storage facility (700m^2) in the North of Israel

Human Resources

70 employees

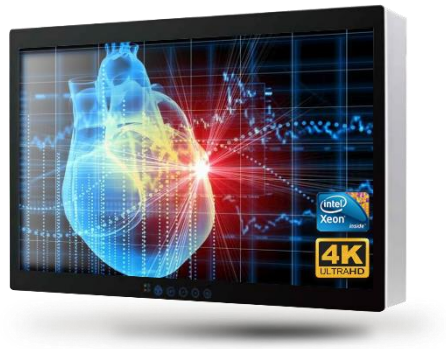
25 Sales Engineers
20 Customer service
12 Office administrative positions

Headquarters

MARCOM, Accounting, ERP, IT, HR, Logistics, Production, Supply Chain & Management

Medical Solutions

Smart Healthcare Solutions

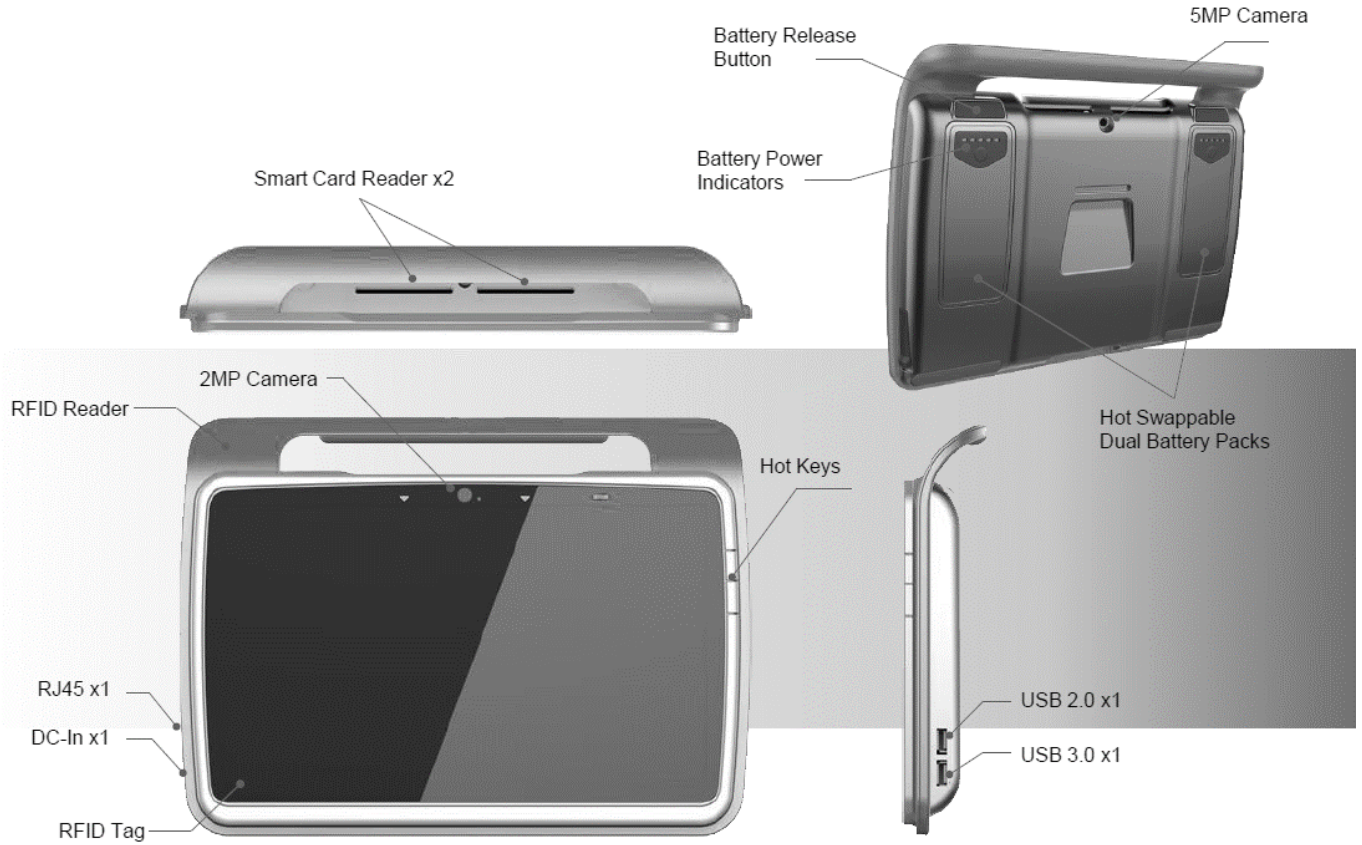


Medical Computing

Mobile Cart Computer

Smart View Medical Solution

Mobile Tablet PC



Inspired by Paramedics-Designed for EMS

Designed for Acute-Care

Dual Smart Card Readers free up the paramedics from frequently exchanging ID cards so they can focus more on acute patient care.

One-Handed Operation

The MD116 can be easily docked and released by one hand with our patented vehicle docking system. So that, the tablet can be carried to the scene in a second.

Easy-Grip Handle

The handle's ergonomic design makes the MD116 easy to hold while the elastomer coating prevents the tablet from slipping out of the hands.

Custom OEM

nGEN
nGEN
nGEN

ProSense

Sunlight Omniscene
Measurement Setup
BeamMed

Medical Connectivity Solutions

Radion
Engineering Company

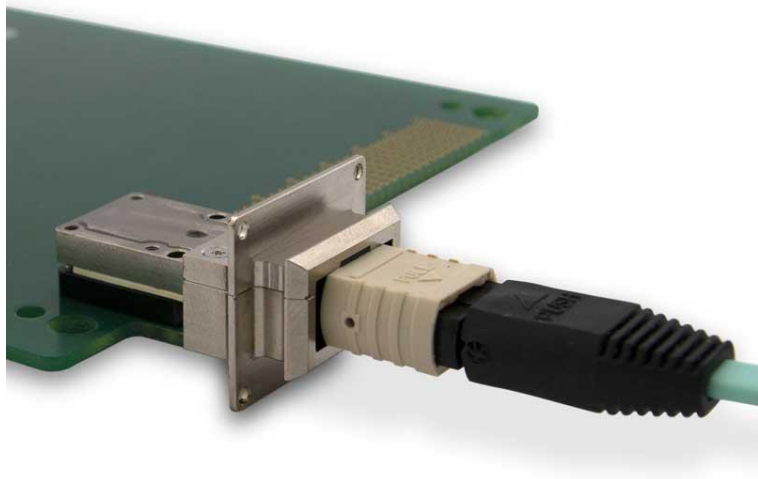
Proven quality and innovative connectivity solutions

Surgical & Monitoring Systems

- Surgical Robots
- Surgical Equipment
- Hybrid Operating Room
- Endoscopy
- Infusion Pumps
- Patient Monitoring
- Dental Tools - Chairs
- Portable & Wearable Devices
- Home Health Monitors
- Automated External Devices

Imaging Systems

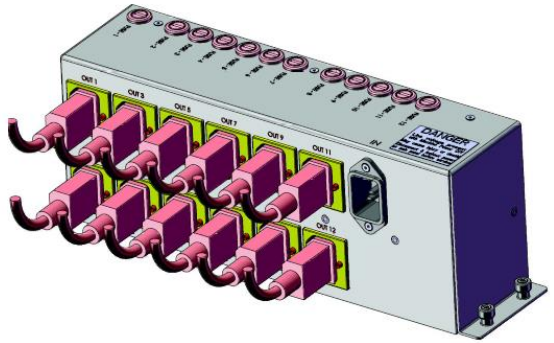
- Resonance Imaging (MRI)
- CT Scanning Systems
- Digital X-ray
- Ultrasound
- Position Emission Tomography



Disposables

- Electrophysiology Catheters
- Invasive Probes
- Painless Needle Systems
- Blood Gas Analyzers

Medical Assemblies



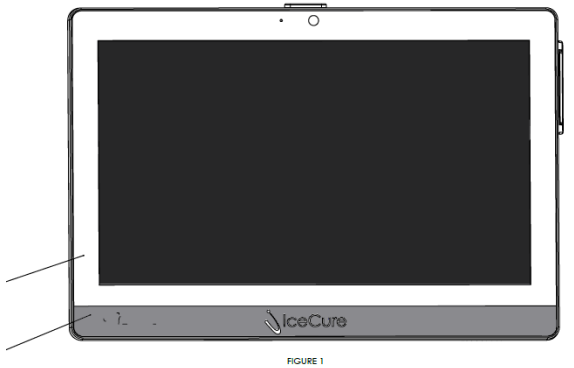
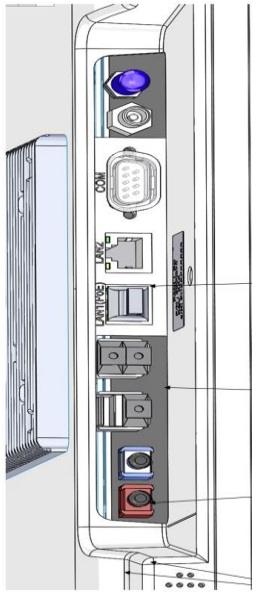
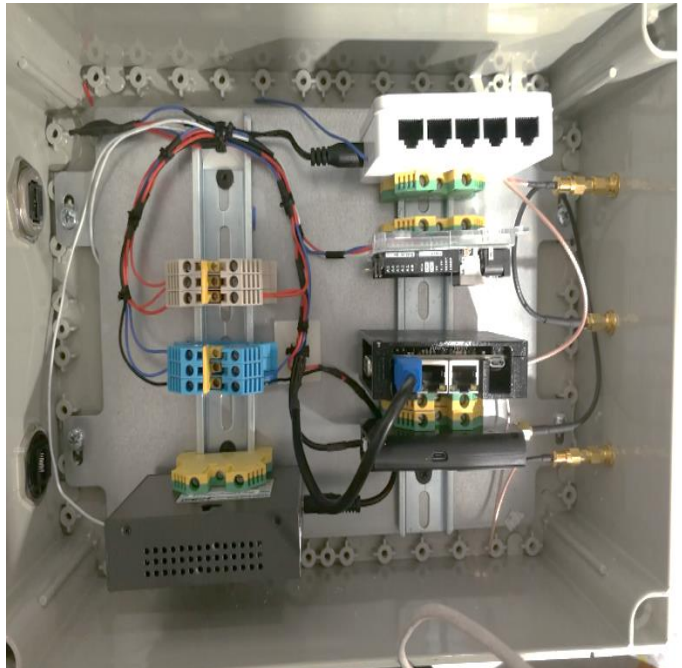
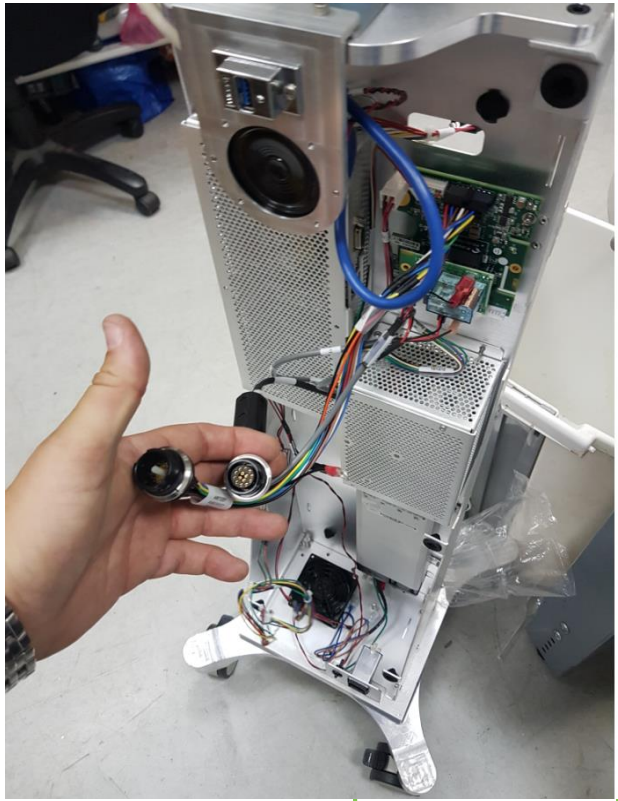


FIGURE 1

Sub-Assemblies





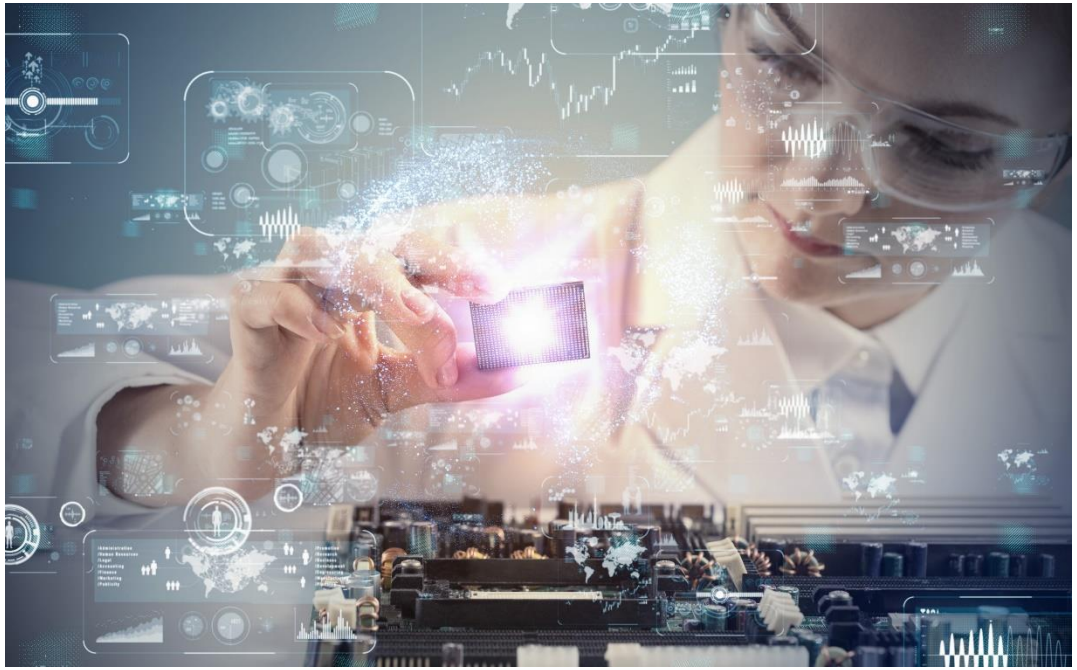


Integration of Products

Radion offers a wide range of tailor made solutions to handle the embedded computing tasks for diverse applications.

The solutions offered can consist of a wide variety of components including:

embedded single board computers, LCD Monitors and Panels, Touch Screens, Power supplies, various inputs and outputs and embedded/standard operating systems. All platforms are integrated and tested in our laboratories.



Integration of products

Integration of LCD and SBC

integrating LCD Panel, obtained through Radion or a third party, with the single board computer selected for the computing platform.
BIOS modifications, LCD cable definition (TTL or LVDS), manufacture a sample of the LCD cable and finally test and validate the offered solution.

Integration of Power Supply and SBC

wide variety of Power Supplies for dedicated markets, for an embedded computing .the most suitable power supply for the application based on measurement of the complete platform power usage, mechanical constraints, marketing and regulatory constraints.

BIOS Modification and Customization

As each application has unique specifications and requirements, Radion acknowledges that some modifications are required to the system or individual component BIOS for each application. Radion can perform the requested BIOS modifications in order to customize the solution for the specific application

Touch Screen Integration

integrate touch screen based on a list of requirements such as technology,
optical performance and durability with the entire platform. A compatible controller will be defined, and the solution will be validated with the single board computer and LCD panel.

Specialized Cases

Some applications require the design and production of a specialized chassis or the modification of an existing one, in order to accommodate all components and requirements. Radion can design a specialized chassis, based on your specific application and market needs.
Radion can produce sample quantities and mass-produced quantities of the final designed case.

Definition and Manufacturing of LCD Cable

mass-produce the LCD cable, defined in the integration phase, between the

single board computer and the LCD panel.

ISO Certificate

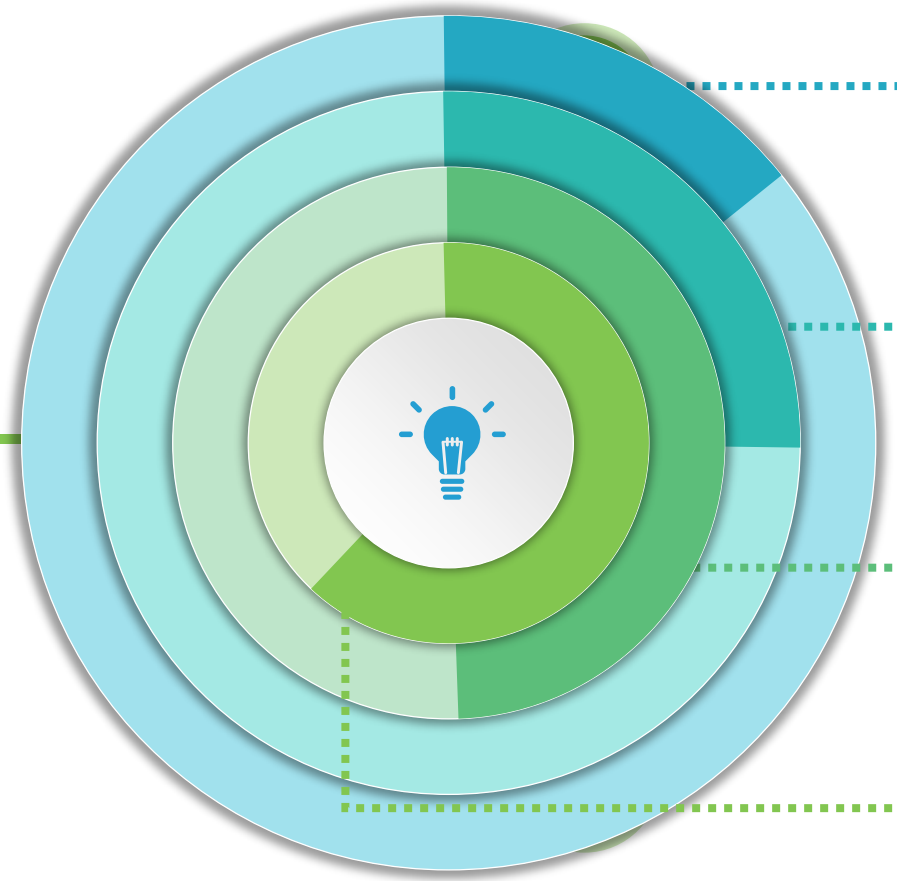
All certificates we had included quality standard certificate
to make sure that customer received high quality products

THE STANDARDS INSTITUTION OF ISRAEL

THE STANDARDS INSTITUTION OF ISRAEL

מכון התקנים הישראלי

Our Guarantee

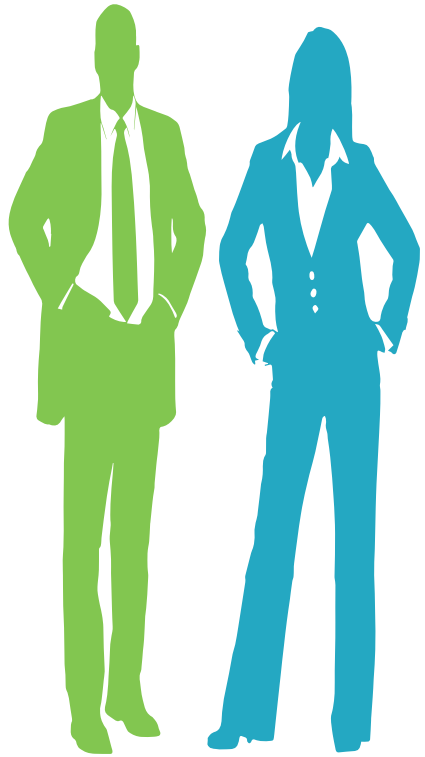


Advanced systems with many capabilities as standard

Experienced field personnel

After-sales service and support

a Reliable, skilled and a professional company



Radion
Engineering Company
75
years
Thank You!