Company Profile

The YTcom Group (Yehuda Tal Communications Ltd.) has been operating in the wireless communication solutions market since 1987. The group owns a number of companies that specialize in providing a variety of services for the design, construction, sale and rental of analogue and / or digital wireless (DMR) solutions, IT systems, systems Nationwide communications (POC), closed private network systems (Private LTE), additional technologies and their connection to a dedicated control and monitoring station for the customer.

The members of the YTcom Group specialize in routine and emergency solutions, operational events, response to safety, logistical and security needs.

In addition, the group provides solutions and support for routine events such as: cultural events, film photography, international productions, construction projects, trips and camps in Israel and abroad.

In addition, the group has established a technological infrastructure, a service and sales system, and a network of maintenance and repair laboratories nationwide and with high availability in Israel.

The YTcom Group serves as the sole representative in Israel of the Hytera Group, a leader in the field of digital communications in the world (DMR). The group markets a wide range of solutions including: analog and digital systems and communication devices, fixed and portable relays, base devices, mobile devices for vehicles as well as various models of portable devices, management, monitoring and control systems, real-time video transmission systems and more. In addition, the group imports a rich selection of accessories and peripherals for the various communication systems, for managing and securing large-scale events and productions.

The YTcom Group is considered a pioneer and leader in the field of PTT Over Cellular (POC) in Israel and is licensed by the Ministry of Communications to operate POC in Israel. This is done through the development of the Easy Talk platform, a smart national communication service solution that operates on a cellular data transmission network.

The group's solutions in the field of PTT over cellular network (POC) enables individual and group conversation in a variety of configurations, along with plenty of smart applications that include, among other things, device tracking and tracking capabilities, real-time messaging and data transfer.

Easy Talk - operates their service in Israel using dedicated switches, stored in one of the largest server farms in Israel, based on technology from the German company Talk-IP, which has been in the POC field for many years and has hundreds of thousands of subscribers worldwide.

YT COM GROUP
Advanced communication solutions

The YTcom Group provides a variety of services in the field of private and wireless cellular networks (Private LTE). The group works with all cellular companies in Israel and existing cellular networks, including the G5 cellular network.

In the last year (2020) with the outbreak of the corona pandemic (19 COVID) the group was prepared to provide its customers with solutions in the field of protection and medical care ranging from respirators, portable monitors that transmit data live to a medical control center, laboratories and reagents for corona testing, protective masks, disinfectants, portable

thermometers, protective jumpers, Portable magnetometers, body cameras, terminals and more.

The YTcom Group has a wide range of customers, including: security and government bodies, municipal authorities, business companies and international infrastructure, including: emergency and rescue organizations, municipalities and regional councils, commercial companies, factories, banks, hospitals, academic institutions and more.

The YTcom Group will continue to constantly develop its products and services in order to be at the forefront of technology in Israel while providing an uncompromising, high-quality operational response to all its customers and the entire market.

We will be happy to elaborate and assist you with any request.

Digital Radios & Trunking Systems

DMR stands for Digital Mobile Radio - an open digital radio standard. DMR has received global recognition as a technology that combines voice, data, features & applications. Digital Mobile Radio is available in three "tiers" - loosely translated as levels of complexity. Tier I is license-free, Tier II is licensed conventional, while Tier III is trunked, meaning that frequencies and channel capacity can be pooled and shared between users.

Thanks to the DMR standard, YTcom Group and the Hytera DMR radios work with any other compliant system. But what sets Hytera apart is the breadth of range and feature set across our DMR radios. From the light & compact PD4 series - designed for ease of use in indoor environments - to the impermeable, explosion-proof PD795Ex - there's a radio for everyone. We're connecting people everywhere - improving safety & productivity along the way.

BD505:

Hytera's BD505 two-way radio is the compact device that provides a professional communication in easy to operate way.

- Analog & digital dual modes
- Analog & digital mixed channel
- Extended talk range
- Long working time
- Clear voice
- Reliable and durable
- Anti-interference
- DMR signaling
- Repeater mode operation
- Voice announcement
- VOX
- Scanning

PD505:

Packed with functionality, the Hytera PD505 handheld digital two-way radio impresses with its safety features and flexibility to support for both digital and analogue communications, ideal for manufacturing, events and hospitality environments.

- Small, sleek, light
- Long battery life
- Rugged & Reliable
- One touch call/text
- Supplementary features (optional)
- Dual modes (analog & digital)
- Secure communication
- Advanced signaling
- DMRA data service
- Pseudo trunk
- Dual capacity in TMO

Digital Radios & Trunking Systems

PD565:

Packed with functionality, the Hytera PD565 handheld digital two-way radio impresses with its safety features and flexibility to support for both digital and analogue communications, ideal for manufacturing, events and hospitality environments.

- Small, sleek, light
- Long battery life
- Rugged & Reliable
- One touch call/text
- Supplementary features (optional)
- Dual modes (analog & digital)
- Radio registration service
- A&D mixed scan
- Secure communication
- Advanced signaling
- Emergency alarm
- XPT trunking (optional)
- Pseudo trunk
- Dual capacity in TMO

PD605:

Delivering superior voice clarity and enhanced encryption, the Hytera PD605 handheld digital two-way radio is a compact, high-quality device. At just 27mm thick and 290g, this radio is a popular choice and ideal for long shifts.

- Small, Sleek, Light
- IP67 Compliance
- Rugged & Reliable
- Pseudo Trunk
- Full Band
- Dual Modes (Analog & Digital)
- Secure Communication
- Advanced Signaling
- DMRA Data Service
- GPS Positioning (Optional)
- Man Down (Optional)
- Secondary Development
- One Touch Call/Text
- Supplementary Features
- Priority Interruption
- DMO True 2-Slot

Digital Radios & Trunking Systems

PD665:

Delivering superior voice clarity and enhanced encryption, the Hytera PD665 handheld digital two-way radio is a compact, high-quality device with LCD screen and programmable keys. At just 27mm thick and 310g, this radio is a popular choice and ideal for long shifts.

- Small, Sleek, Light
- Pseudo Trunk
- DMO True 2-Slot
- Full Band
- Dual Mode (Analog & Digital)
- Secure Communication
- Advanced Signaling
- DMRA Data Service
- GPS Positioning (Factory Option)
- Man Down (Factory Option)
- Further Development Port

- One Touch Call/Text
- Supplementary Features
- Radio Priority-Based Interruption
- IP67 Compliance
- Rugged & Reliable

PD685:

Delivering superior voice clarity and enhanced encryption, the Hytera PD685 handheld digital two-way radio is a compact, high-quality device with LCD screen and full keypad. At just 27mm thick and 310g, this radio is a popular choice and ideal for long shifts.

- Small, Sleek, Light
- Pseudo Trunk
- DMO True 2-Slot
- Full Band
- Dual Mode (Analog & Digital)
- Secure Communication
- Advanced Signaling
- DMRA Data Service
- GPS Positioning (Factory Option)
- Man Down (Factory Option)
- Further Development Port
- One Touch Call/Text
- Supplementary Features
- Radio Priority-Based Interruption
- IP67 Compliance
- Rugged & Reliable

Digital Radios & Trunking Systems

X1P:

The Hytera X1p is an ultra-thin digital radio with full keypad. It was developed in full compliance with ETSI, the standard for Digital Mobile Radio (DMR) and offers a comprehensive feature set, ideal for covert security and professional applications

- Small, Sleek, Light
- Pseudo Trunk
- DMO True 2-Slot
- Full Band
- Dual Mode (Analog & Digital)
- Secure Communication
- Advanced Signaling
- DMRA Data Service
- GPS Positioning
- Man Down
- Further Development Port
- One Touch Call/Text
- Supplementary Features
- Radio Priority-Based Interruption
- IP67 Compliance
- Rugged & Reliable

MD785:

With many versatile voice and data services the Hytera MD785 digital mobile radio offers an intuitive user interface and remarkable build quality. Ideal for desktop or in vehicle installations, the MD785 delivers professional communication in a mobile unit.

- User Friendly
- Reliable & Durable
- Remote Control Head
- Full Duplex Call (Optional)*
- Telemetry
- Positioning
- Enlarge Communication Range
- Smooth Migration
- Single Frequency Repeater Mode (Optional)*
- Analog Signaling
- Secure Communication

- Roaming
- Text Message
- Back-To-Back Solution

Digital Radios & Trunking Systems

RD985S:

The Hytera RD985S 100W digital repeater is at the heart of analogue and digital radio networks .With outstanding functionality and high reliability ,this repeater overcomes signal obstruction to greatly expand the range of the radio system ,ensuring reliable communication over longer distance.

Smart Dispatch system:

Hytera Smart Dispatch is a dispatching system developed on Hytera digital platform compliance to ETSI DMR open standard, is designed for efficient communication, management and dispatching of professional users. Characterized by C/S structure, modularized design and supporting VoIP, Hytera Smart Dispatch delivers you an enhanced dispatching and deployment platform with tailored communications network and control center.

- Communication management and labor control.
- Quick supervision and tracking of paths.
- View location history.
- Group call by marking a polygon area.
- Receive SOS distress alert.
- Remote audio channel opening.
- Branding and distinction subscribers and groups.
- Recording calls and information (data).

Push-To-Talk Over Cellular (POC)

Push-to-Talk over Cellular uses the modern LTE cellular infrastructure of Mobile Network Operators to provide nationwide coverage with unlimited voice and video call groups.

The POC radios support the advanced features of Digital Mobile Radios (DMR), including messaging, instant group calling, GPS location tracking, and emergency notifications. Combining this functionality with LTE cellular networks provides the bandwidth required for modern data, photo, and video applications, along with nationwide LTE coverage.

The YTcom Group is considered a pioneer and leader in the field of PTT Over Cellular in Israel and is licensed by the Ministry of Communications to operate POC in Israel. This is done through the development of the Easy Talk platform, a smart national communication service solution.

ET887:

The ET887 is a smart, safe, professional, substantially secure and encrypted communication device, with a compact, durable and extremely hard design that works on the cellular network and other networks such as: G2 / G3 / G4 / WIFI / LTE and provides instant communication with wide coverage even in connectivity National and international. enables group calls and is compatible with multiple platforms with clear voice quality. Suitable for organizations and companies interested in improving their productivity and efficiency.

- Professional / Intrinsically Safe Device
- 3,600mAh Battery (EX: 2,000mAh)
- Gloves Touch Screen Capable
- Ruggedised Design with IP67 Rating
- Support external speaker, earphone, UART, USB2.0 & OTG

ET887+:

The ET887 + is a smart two-way radio device with a touch screen, safe, professional, securely and encrypted in a substantial, compact, durable and extremely hard case that works on the cellular network and other networks such as: G3 / G4 / WIFI / LTE. It can provide instant communication with coverage also broad in national and international connectivity and allows for group conversations. The device is compatible with several platforms with clear sound quality and is suitable for organizations and companies interested in improving their productivity and efficiency.

- Ruggedized Device
- 3,600mAh Large Capacity Battery
- Gloves Touch Screen Capable
- Ruggedised Design with IP67 Rating
- Support external speaker, earphone, UART, USB 2.0 & OTG

PNC550:

The PNC550 is a smart PoC terminal, integrating smart phone and professional Push-to-talk over cellular functionality. Hytera's PNC550, is equipped with Android 8.1 operating system, 5-inch multi-touch screen, high definition camera and 2W high fidelity speaker; not only does this product meet the basic needs of voice intercom for industry users, but also delivers the requirements for multimedia usage. PNC550 is compatible with a range of PoC solution platforms on the market and can be adapted to individual needs of the customer.

- 5-inch HD Multi-touch Display
- Loud and Clear Voice Quality
- Professional Design
- Rugged and Compact Design
- High-Capacity Battery and Fast Charge
- HD Camera
- Dual Sim
- NFC Function
- Inclusive System
- Unified Management Platform
- PoC Solution

PDC760:

PDC760 multi-mode advanced radio is the revolutionary DMR LTE hybrid device offering the ideal platform for critical voice and broadband data services. Providing a unified communication experience, this feature rich handset with multiple connectivity options is the ideal communication solution for critical situations.

- Multi-touch screen in HD quality
- Strong sound quality and sound
- Professional design
- Extremely durable device (IP67)
- High-capacity battery
- Fast charging
- 13-megapixel HD camera
- Dual SIM
- NFC function
- Built-in systems
- Unified management platform
- Connection to POC and LTE solutions
- A device also functions as a relay
- Has unique sensors

ET3000:

 The ET3000 is a two-way radio device for control stations and installation in vehicles. The device is smart, safe, professional, secure and substantially encrypted. The device works on the cellular network and other networks such as: G2 / G3 / G4 / WIFI / LTE. provides instant communication with wide coverage in both national and international connectivity, enables group calls and is compatible with several platforms with clear sound quality. The device also has a front camera and the ability to connect to any type of IP camera. Suitable for organizations and companies interested in improving their productivity and efficiency.

- Vehicle Mounted Mobile Radio
- Front facing camera
- Connect to any IP dashcam
- 4 programmable keys
- Supports handheld microphone with standard RJ45 Connector

body worn camera

Hytera and Ytcom are with over 20 years experience in public safety is unwavering in meeting the demands of its customers. Hytera has independently developed a series of body worn cameras, from traditional to 4G/LTE body worn cameras, and launched a comprehensive solution including the body worn camera, integrated device station and digital evidence management platform. Hytera therefore established its own independent solution eco-system and is able to provide a complete video law enforcement solution.

VM580D:

The VM580D is a new generation of smart, ultra-thin 4G body worn camera (BWC). It features nation-wide Push-to-talk (PTT) communication over public and PMR networks, best-in-class audio performance, high-definition (HD) video shooting, and ergonomic design.

VM780:

A lightweight design tailored to capture, store and share video, audio and image evidence gathered from the field. It integrates a body camera with a remote speaker microphone, and allows you to perform video dispatch/communicate over 3G/4G/Wi-Fi, make voice calls and even initiate an emergency alarm in mission critical conditions.

Private LTE and 5G:

In large areas where organizations have essential connected devices and applications, wireless connectivity is a challenge. Wi-Fi isn't secure enough and doesn't scale well, but public LTE might not provide the dedicated bandwidth or cost-effectiveness you need. Private Cellular Networks (PCNs), including Private LTE and Private 5G, have emerged as the best option for wireless networking in sprawling spaces ranging from campuses, shipping ports, and refineries to Smart Cities. In these "wide-area LAN" scenarios, private cellular combines the control and fixed costs of a private network with the flexibility, security, and macro-network benefits of cellular broadband — with a built-in pathway to Private 5G.

The benefits of Private LTE networks:

- **Service continuity** - Full control of system operation regardless of cellular or external entities.
- **Radio planning** - Greater management and control of the RF and WIFI network (ability to control the transmission strength in specific spaces as needed, not a generic layout).
- **Device planning** - Smart IoT - the ability to fully control the information that passes through various devices within the system.
- **Cyber planning** - Reflecting the cellular traffic to my private systems and being able to control them

Office Small Cell Kit	On the go Small Cell	Macro outdoor cell Fixed and On the Go kits	Network in a Box
64 users concurrent – 4G 2x4oo mW MIMO LTE Supported Bands 3,7,40 Kit includes Carry case, radio cell and backhaul CPU unit for quick deployment Reference in-building coverage ~500^{m2} (1-2 units)	32 Users – 5W O/P SiSO 4G **Multi-Channel Units Supported 3G/4G/5G** Flexible Bands 600 MHz - 3.5GHz Kit includes carry case, radio cell, cellular modem for backhaul, antennas and hot swap battery pack	256 users concurrent – 4G 2x20W MIMO LTE - Carrier Aggregation Dual Sector IP66 Supported Bands 3,28,40 110-220VAC or optional generator Dual Pelican Kit for Main Radio and Computing unit and Mast/Antenna 7m mast in manpack or long pelican recommended Reference open area coverage 4-5Km	Independent network with rapid deployment capability, embedded radios, scanner, core network, application server and backhaul capability