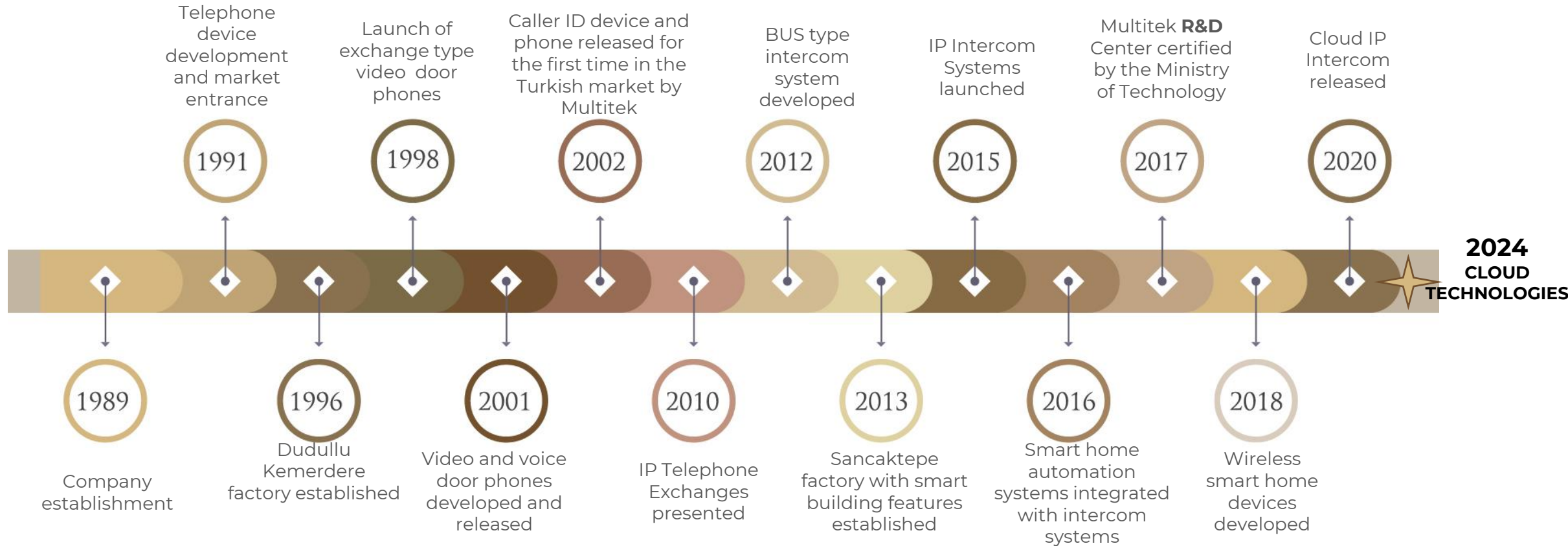# Company and Product Presentation
2024

**Multitek**

# Our journey is shaped by our passion for R&D and user satisfaction..

Telephone device development and market entrance

**1991**

Launch of exchange type video door phones

**1998**

Caller ID device and phone released for the first time in the Turkish market by Multitek

**2002**

BUS type intercom system developed

**2012**

IP Intercom Systems launched

**2015**

Multitek **R&D** Center certified by the Ministry of Technology

**2017**

Cloud IP Intercom released

**2020**

**2024 CLOUD TECHNOLOGIES**

**1989**

Company establishment

**1996**

Dudullu Kemerdere factory established

**2001**

Video and voice door phones developed and released

**2010**

IP Telephone Exchanges presented

**2013**

Sancaktepe factory with smart building features established

**2016**

Smart home automation systems integrated with intercom systems

**2018**

Wireless smart home devices developed

**Multitek**

2

Since its establishment in 1989, Multitek has focused on technology development and has become the leading technology company in Turkey. In Multitek, we provide value-added smart home technologies with our in-house R&D through our production operations in our local manufacturing facilities located in Istanbul, Turkey

**Export**
More than 30 countries in Europe, Middle East and Africa

**30**

**Foundation**
Multitek was founded in 1989 in İstanbul Turkey

**1989**

**R&D Center**
Average number of R&D projects completed each year

**7**



**Manufacturing Area**
Manufacturing area is based in Istanbul Sancaktepe on 7000m2 closed area where in-house R&D team is present

**7000**

**Dealers and Distribution Channels**
More than 400 dealers distributed all around Turkey

**400**

**15**

**Regional Sales**
15 local sales and after sales teams located in Turkey

**Multitek**

# Designed and manufactured in Istanbul, Turkey

Multitek is a pioneer of smart intercom and smart home products and solutions. The company is committed to unleashing the power of technologies to improve people's lives with better communication, greater security, and more convenience.

# Knowing the value of domestic production, Multitek manufactures all its products in its modern production facilities in Istanbul, Turkey



- ✓ Multitek products are manufactured in central İstanbul, on **7000m2 closed area**
- ✓ **High technology** equipment and machines
- ✓ All products are **tested individually** and tracked by unique **serial numbers with Microsoft Dynamics AX ERP**
- ✓ Multitek manufacturing plant has **smart building features** and respects nature
- ✓ Multitek believes in constant development and enhancement quality





For the factory introduction video, please click: https://youtu.be/ISifmhD-9N4

# Our R&D department delivers fast solutions and services to global projects with flexible design and innovative capabilities

IP Intercom and Cloud Intercom are awareded by numerous prestigious organizations

**Success**

**Academy and Industry Coorperation**

**Resource Capabilities**

**Future Technologies**

Competent team of electronics, computer science and manufacturing systems engineers excelled in hardware and software development
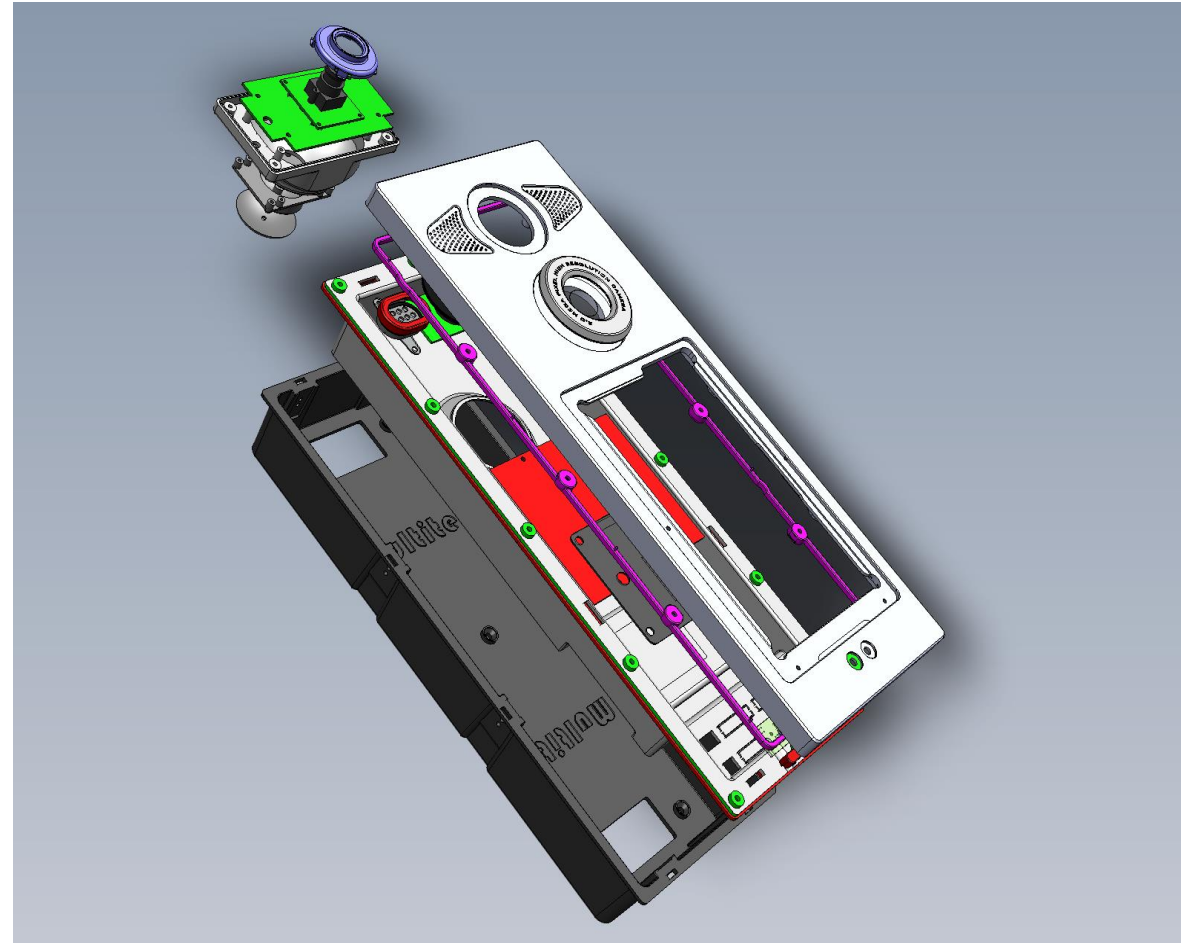
Multitek R&D has built successful academy and cross industry partnerships, contributes to the literature through academy-industry collaboration.

Multitek R&D is focused on building in-house:
- IP Intercom Systems
- Smart Home Management
- Cloud-based Intercoms

*Technology Awards is Turkey's most prominent technology award organization held by the partnership of TÜBİTAK, TTGV and TÜSİAD.
 http://www.teknoloji.org.tr/

# All designs are specially created by our in-house R&D department to enhance customer experience



IP65 Water and Dust Resistant

Anodized Surface

Diamond Cut Finishing

7" Touch Screen

Aluminum body carved from whole 3 kg aluminum block

# Products and Services

✓ Cloud-based Intercom Systems: Building, Security, Villa

✓ Smart IP Intercom Systems**:** Room Monitors, Door Panels, Security Console, Smart Home Devices, Alarm Devices

✓ Linux IP Intercom Systems: Room Monitors, Door Panels, Security Console

✓ BUS Intercom Systems (Multibus): Room Monitors, Door Panels, Villa Sets

✓ 433.92 Mhz wireless Multitek RF

✓ Relay Control

✓ Alarm Management

✓ Compatible with all KNX devices

✓ Analog Exchanges

✓ Specialized solutions for small – medium – large enterprises

✓ Conventional Fire Alarm Systems (EN-54)

✓ Addressable Fire Alarm Systems (EN-54)

**Video Door Intercom**

**Smart Home**

**Telephone Exchanges**

**Fire Alarm Systems**

**Multitek**

**Multitek**

# Selected References


VARYAP GAP Emlak Konut
Metropol Istanbul, Atasehir
1430 Rooms


Teknik Yapı
Concord, Fikirtepe
624 Rooms


DAP Yapı Emlak Konut TOKİ
ISTMarina, Kartal
1501 Rooms


TOKİ Emlak Konut
Sarphan Finans Merkezi, Umraniye
410 Rooms


Garanti Koza
Garanti Koza Park, Bahçeşehir
4600 Rooms


Iraq Gate
Bağdat, Irak
8000 Rooms

# Products and Services

# Intercom, security alarm and smart home management.. Control everything from your room monitor and mobile

- ✓ Unlimited calls and messaging from room to room
- ✓ Unlimited camera monitoring
- ✓ Opening the door remotely via mobile

**Intercom · Smart Home · Alarm Management**

**Multitek**
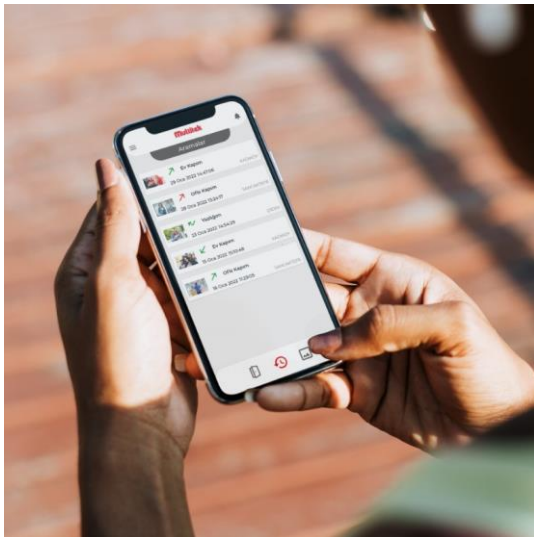
- - All smart home devices can be controlled from a single platfrom
- - **KNX, RF or relay** control
- - Controlled from **mobile application**

- ✓ 8 alarm zones with unlimited number of wired / wireless alarm dedectors
- ✓ Arm / disarm alarm zones from mobile application

**Multitek**

# Multitek Cloud Intercom: Get ready to change your habits!

No cabling, no additonal infrastructure cost! Only one door panel or security console is required to run the system. Room monitors are not mandatory. **Save the time and cost from all cabling and hardware.**

- An instant call is sent to all phones registered at the same time, and the person who answers the call starts video call with the door

- Unlock the door for your guests or deliveries from anywhere in the world

- Even if you miss the call from the door, the screenshot is saved in the mobile application

- Add and monitor as many locations as you'd like (i.e. summer home, office, my mother's home)

- Add unlimited number of door panels, security consoles and external cameras to each location

- Control all smart devices from the same app

Product Video: https://www.youtube.com/watch?v=Ou_ov_99I7Q

# Download Multitek Cloud now!

No third party solution is used, **Multitek Cloud software is developed and protected by Multitek.** Data protection is out first concern so we keep as little data as possible.

**MULTİTEK CLOUD**
Download for iOS and Android
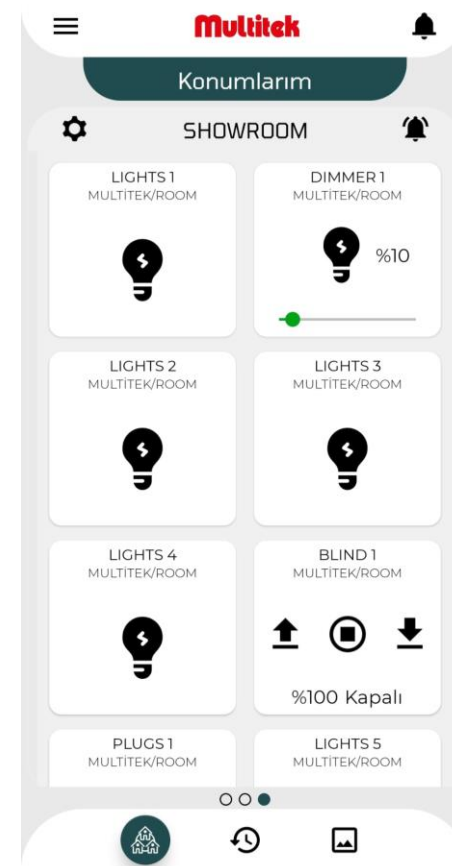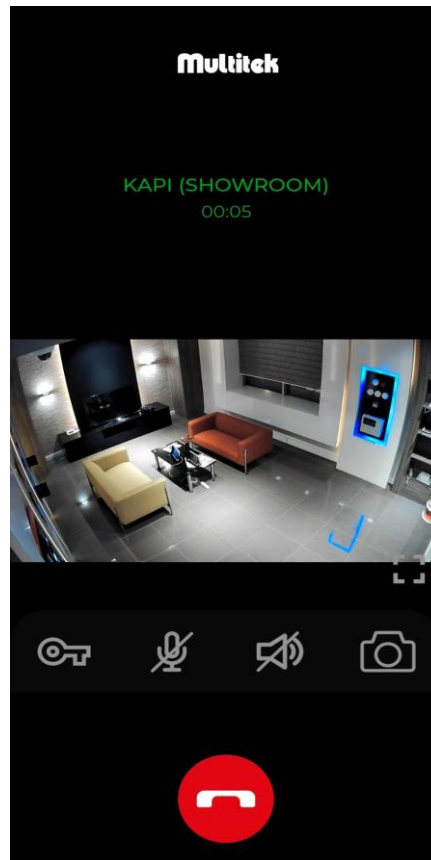
Scan the QR Code for product videos

# Every home's needs are different! You decide what you want to control in your home, we will offer the options.

**Wireless Solutions**

**1. Multitek RF**

✓ Any number of RF modules connect wirelessly to the apartment monitor

✓ All devices in the house can be controlled with wireless modules

✓ Easy to install and use

✓ The system has feedback

✓ 433 MHz frequency and 150 meters range in open area

✓ Wireless thermostat module works with curtain, light, dimmer and 4-output modules

**Wired Solutions**

**2. KNX Devices**

✓ All devices working with KNX protocol can be controlled by Multitek IP monitors, regardless of device or brand.

✓ Different devices from different manufacturers can be used

✓ Different smart home scenarios are defined (I'm at home, cinema, etc.)

✓ Alarm detectors can trigger KNX devices (e.g. turn on all lights in the house when the PIR detector goes into alarm)

✓ There is no limit on the number of KNX devices that will join the system.

✓ Remote control via Multitek mobile phone application (Ios and Android)

✓ Devices can be controlled via remote control

✓ The system has feedback

**KNX**

**3. Control via Relay**

✓ The devices are controlled by relays built into the apartment monitor.

✓ It is the fastest and most convenient method for gas, water, boiler and electricity control.

**Multitek**

# IP Intercom system is easy to implement and use

IP Intercom and Smart Home Management system is a chain of software and hardware products with added value that integrates intercom systems that use fiber, Ethernet or another type of TCP/IP with smart home, security, IoT devices.



- ✓ Only **energy source is PoE (Power over Ethernet)** for all connected items

- ✓ **Low** cabling **cost**

- ✓ **East implementation and maintenance**

- ✓ **Simple IP allocation algorithm built-in**

- ✓ **A single infrastructure** for intercom system and smart home automation

- ✓ No need for **additional IP allocation** software

- ✓ No need for additional infrastructure elements like servers etc.

- ✓ **No limit for number** of connected outdoor panels and in-door monitors

- ✓ Video and voice quality same for all floors regardless of number of floors

- ✓ Central control and update available for all monitors via service management software

# Recommended devices for a full-fledged IP project



**Monitor, Door Panel, Security Console**

**PoE Switch and IP Camera**

**Security Alarm Devices**

**Smart Home Devices**

# Fast and convenient.. **Linux IP İntercom**



- ✓ There is **no limit** in number rooms, floors, door or facilities that can be connected
- ✓ Suitable for **vertical projects** (up to 799 rooms in a single block)
- ✓ **Voice message** from door panel to rooms
- ✓ **Different melodies** can be set for different calling numbers
- ✓ **Voice assistance (busy, keypad touches etc.)**
- ✓ All **received call photos** are saved (100 without SD card)
- ✓ **Unique password** or proximity card for each room to unlock door
- ✓ **Alarm management** with 4 zones and direct report to security
- ✓ **Elevator monitor** (standard monitor with special software)
- ✓ Connected **surrounding IP and CCTV cameras**
- ✓ **External IP camera** view when security calls

# 1, 2, 3, 4.. Installation is as easy as counting numbers
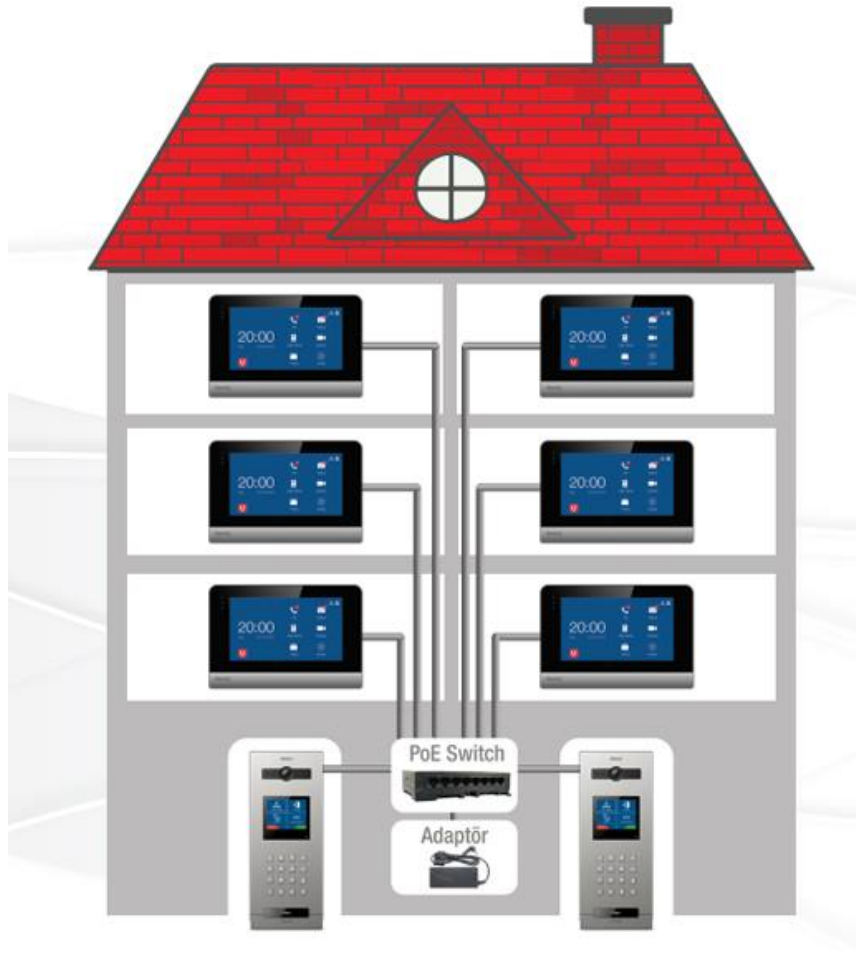


- ✓ System requires 4 devices and CAT6 cabling:
  - Room monitor
  - Outdoor panel
  - PoE switch
  - Adaptor
- ✓ Additional training is not required to implement Linux IP İntercom
- ✓ There is no additional infrastructure (server etc.) requirement
- ✓ Crystal clear voice and video quality for all rooms
- ✓ Network ethernet (PoE) connection with CAT6 cabling
- ✓ All units can call each other with no additional fee

# Analog BUS type of Systems provide video door intercom for small – medium buildings

✓ Only **3 cable for audio** or **4 cable for video**

✓ No exchange

✓ No coaxial cable

✓ No distance limitation

✓ No encoder

✓ Can be used with existing cabling of other brands

✓ **DT8 / DT5 / CAT5 / CAT6 cabling**

✓ **Multidoor video camera selection**

✓ The system may be used for:

    ✓ **Up to 256 rooms** per apartment block

    ✓ **Up to 32 blocks** of apartments in a site

    ✓ Up to 4 doors per block

    ✓ Up to 8 elevators per block
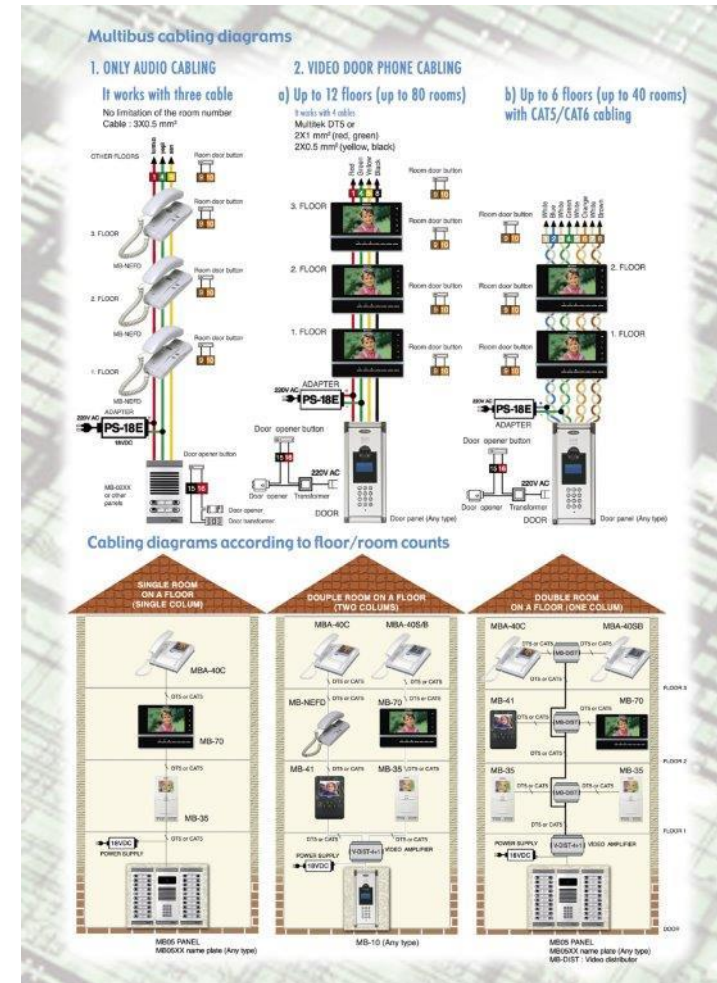
# Multibus Door Monitors

**MBT-70**
7" touch screen, Setting a unique password for the apartment, Setting a unique password for the apartment, multiple camera optional
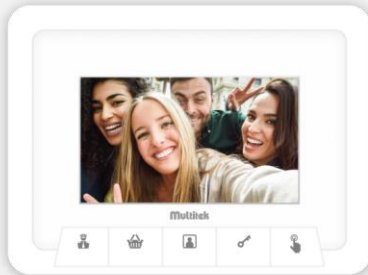
**MB-74**
7" color TFT LCD screen, control with touch button, security and doorman buttons, multiple camera options

**MB-43**
4.3" color TFT LCD screen, 18mm thickness, security and doorman buttons, multi-camera selectable, horizontal position, hands-free

**MB-45**
4.3" color TFT LCD screen, security and doorman buttons, multi-camera selection, horizontal position, handsfree or push-to-talk option

**MB-46**
4.3" color TFT LCD screen, security and doorman buttons, multiple camera options, horizontal position, handsfree feature

**MB-IF**
Security and gatekeeper buttons

# **Fire Alarm Systems** are in two categories: Addressable and Conventional.

## 01

**Smart Addressable Fire Alarm Systems** The system, used for large and medium-sized projects, detects and notifies the alarm coming from the detector. All products in the system have EN54 certification.

## 02

**Conventional Fire Alarm Systems**

It is for projects that have small areas and do not require pinpoint information on where the alarm is coming from. All products in the system have EN54 certification.

# Thank you..

Please contact our export team for furhter information and product catalogue: export1@multitek.com.tr

**Multitek**