SMART ENTRY · SECURITY · CONNECTIVITY

COMPANY PROFILE

Premium video door phone systems for high-end apartment complexes, backed by IP surveillance and enterprise-grade IT infrastructure — designed, installed and maintained by one accountable partner.

01 **MULTI-APARTMENT VIDEO DOOR PHONES**
Our flagship — AI-enabled IP intercom for premium residences

02 **CCTV SURVEILLANCE SYSTEMS**
STQC-certified AI cameras, installed to industrial standards

03 **IT & NETWORK INFRASTRUCTURE**
Supply, structured cabling, Wi-Fi, IP telephony and AMC support

AN ISO 9001:2015 CERTIFIED COMPANY

ABOUT OUR COMPANY

Who We Are

Coremech Projects Pvt. Ltd. is a **Navi Mumbai**–based technology solutions company that designs, installs and maintains the technology people rely on every day. Our core specialisation is **centralised video door phone systems for high-end apartment complexes** — delivered alongside IP CCTV surveillance and IT & network infrastructure.

We engage with developers early — alongside their engineering teams, architects and electrical contractors — so cabling routes, ELV ducts and power are planned right the first time. The result is a system that looks as refined as the building it serves, and a clean, documented handover when residents move in.

WHAT WE STAND FOR

RESIDENTIAL FIRST

Premium apartment projects are our home ground. We understand the finish, scale and expectations that come with them.

ONE ACCOUNTABLE PARTNER

Design, supply, installation and maintenance under one roof — one point of contact from first drawing to final handover.

UPTIME & ACCOUNTABILITY

Structured AMC programmes keep every system reliable, current and performing — year after year.

WHO WE SERVE

- **Real estate developers**
- **Premium residential complexes & societies**
- **Commercial & industrial establishments**

CREDENTIALS

- **ISO 9001:2015 certified**
- **Tie-ups with almost all major brands**
- **Equipment in every type, size & budget**

OUR SPECIALISATION

MULTI-APARTMENT VIDEO DOOR PHONE SYSTEMS

The first impression of luxury living.

In a premium residence, the arrival experience matters as much as the lobby finish. We engineer centralised IP video door phone systems that let every resident see, speak to and admit visitors — from the main gate to their own front door — on a clean, reliable network built into the building from day one.



HD VIDEO AT EVERY ENTRY

Outdoor stations at main gates, tower lobbies and flat doors — wide-angle HD video with night vision, built for Indian weather.

ELEGANT IN-FLAT MONITORS

Sleek touchscreen indoor units that complement premium interiors — answer, talk, unlock and review visitor snapshots.

ANSWER FROM ANYWHERE

Mobile app access lets residents see and respond to visitors even when they are away from home.

GUARD STATION & INTERCOM

A master station at the security desk, plus flat-to-flat and flat-to-guard calling across the entire complex.

INTEGRATED ACCESS

Remote door and gate release, with integration into access control, lift lobbies and CCTV for unified entry security.

NETWORK-GRADE BACKBONE

Structured CAT6 cabling and a dedicated UPS-backed power line routed through ELV ducts — engineered for uptime.

IDEAL FOR Luxury residential towers · Gated communities · Mixed-use developments

WHAT'S INSIDE

Next-Generation Entry Technology

Today's video door phone is far more than a doorbell with a screen. The entrance becomes an intelligent checkpoint — recognising residents, managing guests, controlling lifts and feeding a single security platform.

AI FACE RECOGNITION ENTRY

Door stations recognise residents in a fraction of a second, with liveness detection that rejects photos and videos.

TOUCHLESS & MOBILE CREDENTIALS

Face, QR code, Bluetooth, RFID card, PIN or fingerprint — residents choose how they enter, with no single point of failure.

DIGITAL VISITOR PASSES

Residents issue QR passes from the app for guests, deliveries and domestic staff — every entry logged, no guard call needed.

SMART ELEVATOR CONTROL

Lift access tied to the lobby panel, so an admitted visitor can reach only the floor of the flat that let them in.

SMART INDOOR STATIONS

Touchscreen monitors in various types, sizes and finishes — with live views of property cameras, flat-to-flat calling, messaging and visitor snapshots.

SMART HOME & SAFETY HUB

The indoor unit links smoke, gas and door sensors, carries a panic/SOS button and can control lights and air-conditioning.

SIP & OPEN INTEGRATION

SIP and ONVIF support connect the intercom to IP-PBX phones, guard handsets, CCTV and access control on one system.

CENTRAL MANAGEMENT PLATFORM

One console for the facility team: access records, visitor logs, resident notices and real-time tamper alerts.

THE RIGHT FIT FOR EVERY PROJECT

Every Type & Size
door stations and monitors to suit any design and budget

All Major Brands
tie-ups with almost all leading intercom manufacturers

New & Retrofit
solutions for new construction and existing buildings

OUR PROCESS

From Drawing Board to Handover

A video door phone system is only as good as the groundwork beneath it. We plan with your project team from the design stage, so every flat is ready on possession day.

01 **DESIGN COORDINATION**

We work with your engineering department, architects and electrical contractor to plan ELV ducts, risers and power points before walls close.

02 **SYSTEM DESIGN & BOQ**

Station placement, cable routes and network architecture, with a transparent bill of quantities built on trusted OEM equipment.

03 **STRUCTURED INSTALLATION**

CAT6 backbone and dedicated UPS line, installed in phases that follow your construction and possession schedule — tower by tower, flat by flat.

04 **TESTING & COMMISSIONING**

Every unit tested end to end — call, video, unlock and intercom — and recorded in a unit-wise work completion report.

05 **HANDOVER & ONGOING CARE**

Complete documentation, orientation for the facility and security teams, and an AMC that keeps the system running long after handover.



OUR TECHNOLOGY PARTNERSHIP

TECHNOLOGY PROVIDER TO TRICITY REALTY

Tricity Realty builds its homes with an uncompromising focus on quality and a genuine dedication to the families who live in them. A developer that exacting expects the same from every partner it brings in.

Coremech is the technology provider for all of Tricity's running and upcoming residential projects. We plan, install and maintain the multi-apartment video door phone, surveillance and network systems, and hold every installation to the standard Tricity sets for its buildings.

It's the standard we bring to every developer we work with, in Mumbai, Navi Mumbai and across India.

SECURITY · 02

AI-Powered Surveillance

Modern surveillance does not just record incidents — it detects, classifies and responds to them as they happen. We deploy the current generation of AI-enabled IP video for residential, commercial and industrial sites.

STQC-CERTIFIED & CYBER-SECURE

We supply cameras certified against MeitY's Essential Requirements — now mandatory for CCTV sold in India — with secure firmware, encrypted streams and no hard-coded passwords.

DEEP-LEARNING ANALYTICS

Cameras classify humans and vehicles, ignoring animals, rain and swaying foliage — far fewer false alarms.

SMART PERIMETER PROTECTION

Virtual tripwires and intrusion zones along boundary walls, roofs and restricted areas, alerting the security desk instantly.

ACTIVE DETERRENCE

Built-in strobe light and audio warning trigger on intrusion — stopping incidents before they happen.

FULL-COLOUR NIGHT IMAGING

Large sensors and bright lenses deliver colour video in near-darkness — clothing and vehicle colours stay identifiable.

ANPR AT GATES & PARKING

Automatic number plate recognition logs every vehicle and can trigger boom barriers for registered residents.

FACE RECOGNITION & SMART SEARCH

Find a person or vehicle across hours of footage in seconds — search by face, clothing colour or vehicle type.

PANORAMIC, PTZ & THERMAL

Multi-sensor panoramic cameras, auto-tracking PTZs and thermal imaging for large campuses and industrial sites.

ULTRA-HD, SMART COMPRESSION

Cameras of every type and resolution, with smart compression that keeps evidence sharp while cutting storage and bandwidth.

BRANDS Tie-ups with almost all major surveillance and storage manufacturers

HOW WE INSTALL

Engineered to Industrial Standards

The best camera fails on a poor installation. Every Coremech system is designed, cabled, powered and documented to industrial practice — so it performs on day one and keeps performing for years.

ENGINEERING-LED DESIGN

- Detailed site survey and camera layout drawings
- Coverage planned to DORI levels (IEC 62676-4) for each zone
- Storage, bandwidth and PoE power calculations

CABLING & CONTAINMENT

- Pure-copper CAT6, outdoor-grade and armoured cable
- Fibre backbone for long runs between buildings
- GI / PVC conduits, weatherproof junction boxes, labels both ends

POWER & SURGE PROTECTION

- Dedicated UPS-backed power for cameras and NVRs
- Surge and lightning protection on outdoor runs
- Proper earthing of racks, poles and equipment

HARDENED NETWORK

- Isolated surveillance VLAN on managed PoE switches
- Unique strong credentials and updated firmware
- Encrypted, controlled remote access only

RATED HARDWARE

- IP66 / IP67 weatherproof housings outdoors
- IK10 vandal-resistant cameras where exposed
- Corrosion-resistant mounts and brackets

RECORDING & STORAGE

- Rack-mounted NVRs in ventilated, lockable cabinets
- Surveillance-grade hard drives built for 24×7 recording
- RAID redundancy and retention sized to your policy

EVERY PROJECT IS HANDED OVER WITH

- As-built drawings
- Camera & IP schedule
- Cable test reports
- View & focus sign-off
- Team training & AMC

INFRASTRUCTURE · 03

IT & Network Infrastructure

Your IT. Our responsibility.

Your IT infrastructure is the backbone of everything you do — and the same network that carries your door phones and cameras. We take full ownership of it, from data centre to edge device, so every layer runs at peak performance with minimal disruption and maximum uptime.

SUPPLY, INSTALLATION & COMMISSIONING

Genuine, enterprise-grade workstations, servers, switches and network devices — sourced, installed and commissioned. One vendor, zero coordination headaches.

STRUCTURED CABLING & WI-FI

CAT6 and fibre backbones, racks and managed wireless networks designed for high-density offices and amenity spaces.

IP TELEPHONY

IP-PBX systems and desk phones that unify internal calling, reception and remote teams on one platform.

PROACTIVE IT SUPPORT

Scheduled maintenance, monitoring and rapid troubleshooting that resolve issues before they reach your business.

ANNUAL MAINTENANCE CONTRACTS

Customised AMC plans covering your equipment from day one. Predictable costs, priority service, no surprises.

MULTI-LOCATION SUPPORT

Centralised oversight with on-ground support, keeping every site's network secure, monitored and future-ready.

ALSO OFFERED

Document digitisation & management — helping organisations move to paperless operations

BRINGING IT TOGETHER

Integrated Solutions for Residential Complexes

ONE NETWORK. FOUR SYSTEMS. TOTAL INTEGRATION.

Large residential complexes need security, connectivity and operational intelligence that go far beyond standard installations. We engineer video intercom, surveillance, access control and Wi-Fi to run on a single, unified IP backbone — centralised management, less cabling, lower operating costs, and one trusted partner for delivery and maintenance.

COMMUNICATION

IP VIDEO DOOR PHONE & INTERCOM

Residents see, speak to and admit visitors at every entry point, and call neighbours and security across the complex.

SECURITY

CAMPUS-WIDE IP SURVEILLANCE

Perimeter and interior coverage — lobbies, parking, corridors and open areas — with centralised NVR recording and remote viewing.

ACCESS MANAGEMENT

MULTI-TIER ACCESS CONTROL

Biometric readers, RFID cards and barrier systems at gates, lift lobbies and amenity zones, linked to intercom and CCTV.

CONNECTIVITY

MANAGED WI-FI FOR AMENITIES

High-density wireless across the fitness centre, clubhouse, business lounge and poolside — fast, reliable and secure.

CENTRALISED management	**REDUCED** cabling complexity	**LOWER** operating costs	**ONE PARTNER** full accountability

GET IN TOUCH

Let's Work Together

Planning a premium residential project? Bring us in early — we'll design the entry, security and network systems your residents deserve.

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