THREE Pillars
TECHNOLOGY & COMMUNICATIONS CO
شركة الأسس الثلاثه للإتصالات وتقنية المعلومات

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THREE Pillars
شركــات الأســس الثلاثــة

Company Profile

Three Pillars
Group of Companies

THREEPillars
شركـــات الأســـس الثلاثــة

THREEPillars
TECHNOLOGY & COMMUNICATIONS CO
شركة الأسس الثلاثه للإتصالات وتقنية المعلومات

THREEPillars
DIGITALIZATION COMPANY
شركة الأسس الثلاثه لنظم المعلومات

Envir●Met
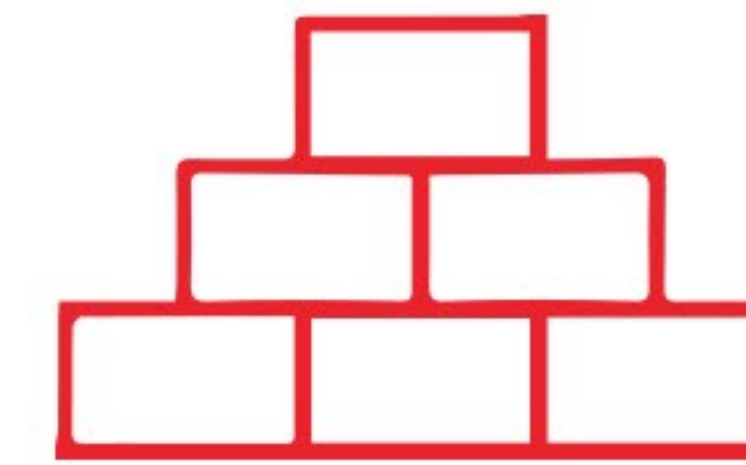Towards Better Environment

Three Pillars in Numbers

200+ Employees
in Saudia Arabia & Egypt

600+ Million
valued Projects

100+ Customers
Happy Customers

Founded in 2014

About Technology & Communications CO

- Established in 2014, our journey commenced with project management and IT infrastructure implementation services.

- Over time, we forged a strong industry reputation.

- Venturing into O&M projects, we specialized in weather monitoring, environmental surveillance, and meteorological maintenance for aviation.

- Since then, we've delivered ITC solutions, data center services, desktop virtualization, and network security.

- Our collaborative approach extends to partnering with diverse government agencies for security and safe cities projects.

OUR
Vision

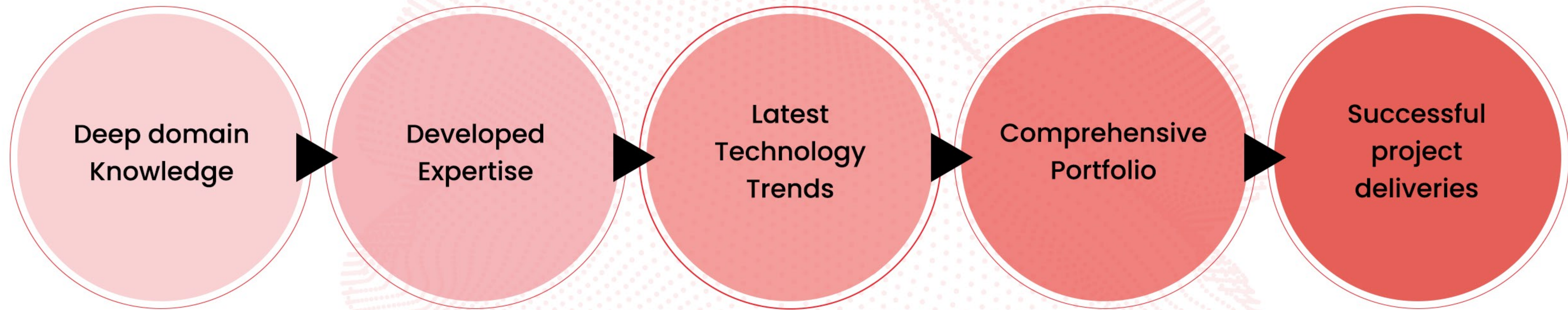To be the leading ITC & Security Solutions provider in **Saudi Arabia**.

OUR
Mission

Delivering cutting-edge solutions, saving clients' CAPEX and OPEX, while ensuring their satisfaction.

Our **Proposition**

Deep domain Knowledge	Developed Expertise	Latest Technology Trends	Comprehensive Portfolio	Successful project deliveries
Deep domain expertise with enterprise IT Experience.	We've developed expertise across the value chain, with innovative approaches to deliver solutions.	Having awareness of the latest tech trends and industry best practices to ensure our services remain at the forefront.	Comprehensive portfolio of products, Applications and services.	Delivered 100s of Successful projects.

Our Values

Safety & Security
Reflects the commitment to ensuring safety & security, especially evident in the specialization in weather monitoring, environmental surveillance, & aviation meteorological maintenance.

Collaboration
Represents the collaborative approach the company takes, highlighted by partnerships with diverse government agencies as for security & safe cities projects.

Solutions-Oriented
Captures the company's proactive approach in providing solutions, evident in its evolution from project management to offering comprehensive Tech solutions and services.

Customer Service
Signifies the focus on providing excellent customer service, demonstrated through the delivery of TC solutions & other services

Innovation
Emphasizes the company's continuous pursuit of creative & innovative solutions,

Integrity
Encompasses honesty & trustworthiness, key values that underpin the company's reputation & collaborative ventures, instilling

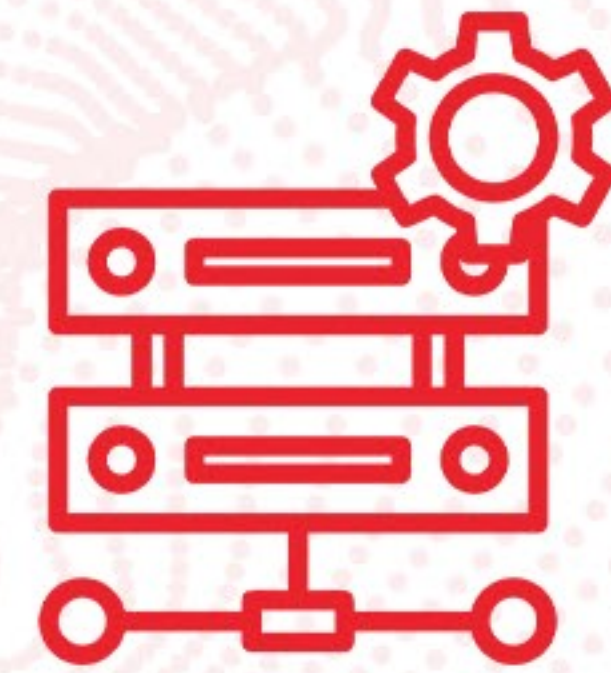# Our Services

CCTV & Security

IT Infrastructure

O&M services

Telecom Services

Managed Services

Our Telecom Services

Point to Point Wireless
Professional point to point network setup for enterprises. Microwave Radio Link Setup connecting missions critical installation.

Telecom Civil Services
Digging and trenching Services. Supplying and installation all types of fiber cables, Manholes, Handholes and Telecom Towers.

OSP Fiber services
Outdoor Fiber Cabling, Repair, Termination, Splicing, and Testing Services.

Telecom Infrastructure
Planning, Installation, Management and Maintenance of Fiber Optic Networks.

IT Infrastructure Services

Networking Services

Including designing, implementation services, Network cabling, Router, Switching, Firewall setup.

These services involve the design, implementation, and management of networking components.

Servers & Storage

Supplying & Installation of Servers & Storage Systems, Setting up DB Backup, Recovery & Virtualization.

Server & Storage services include the provisioning, configuration, and management of hardware & software.

Datacenter Services

DC Setup, Cooling & DC Virtualization, Backup Link Physical security, Environment monitoring.

Data center services encompass the management and operation of data center facilities.

Security Services

Protecting IT Assets & data from unauthorized access, cyber threats and data breaches.

Firewalls, intrusion detection, antivirus, encryption, access controls, & security monitoring tools.

IT Service Management

Managing IT services, Service Desk, Remote support, Change Management and IT Service outsourcing.

ITSM services encompass the processes and practices for managing IT services throughout their lifecycle.

VSS & Security
Solutions

- Video Surveillance Systems
- Access control System
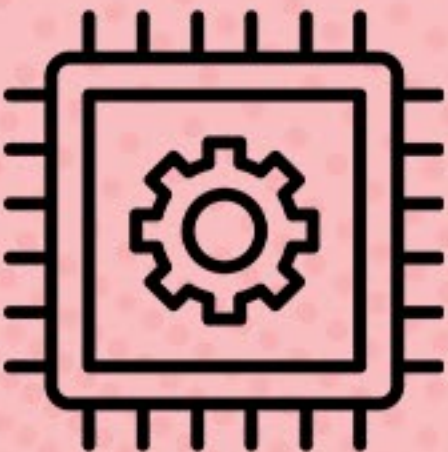- Operational Intelligence
- AI Analytics

Video Surveillance & Security systems

Cameras

- Multi Specialty Cameras
- IP Cameras
- PTZ Cameras
- Infrared & Thermal Cameras

Hardware

- PC Based Hybrid DVR / NVR
- Network Video Recorders and Play back
- Storage Servers, Software & Hardware
- Encoders & Decoders

VMS

- Video Management Systems
- License Plate Recognition, Face Detection
- Video Analytics
- Security Information Management

Access Control

- Access Control Devices
- Barriers & Scanners
- Perimeter Detection
- Intrusion/Radar

milestone   HIKVISION®   AXIS COMMUNICATIONS   Hanwha   IPSOTEK

AI- Deep Learning Surveillance system

Perimeter Security & Intrusion Detection System

Crowd Detection & Identification
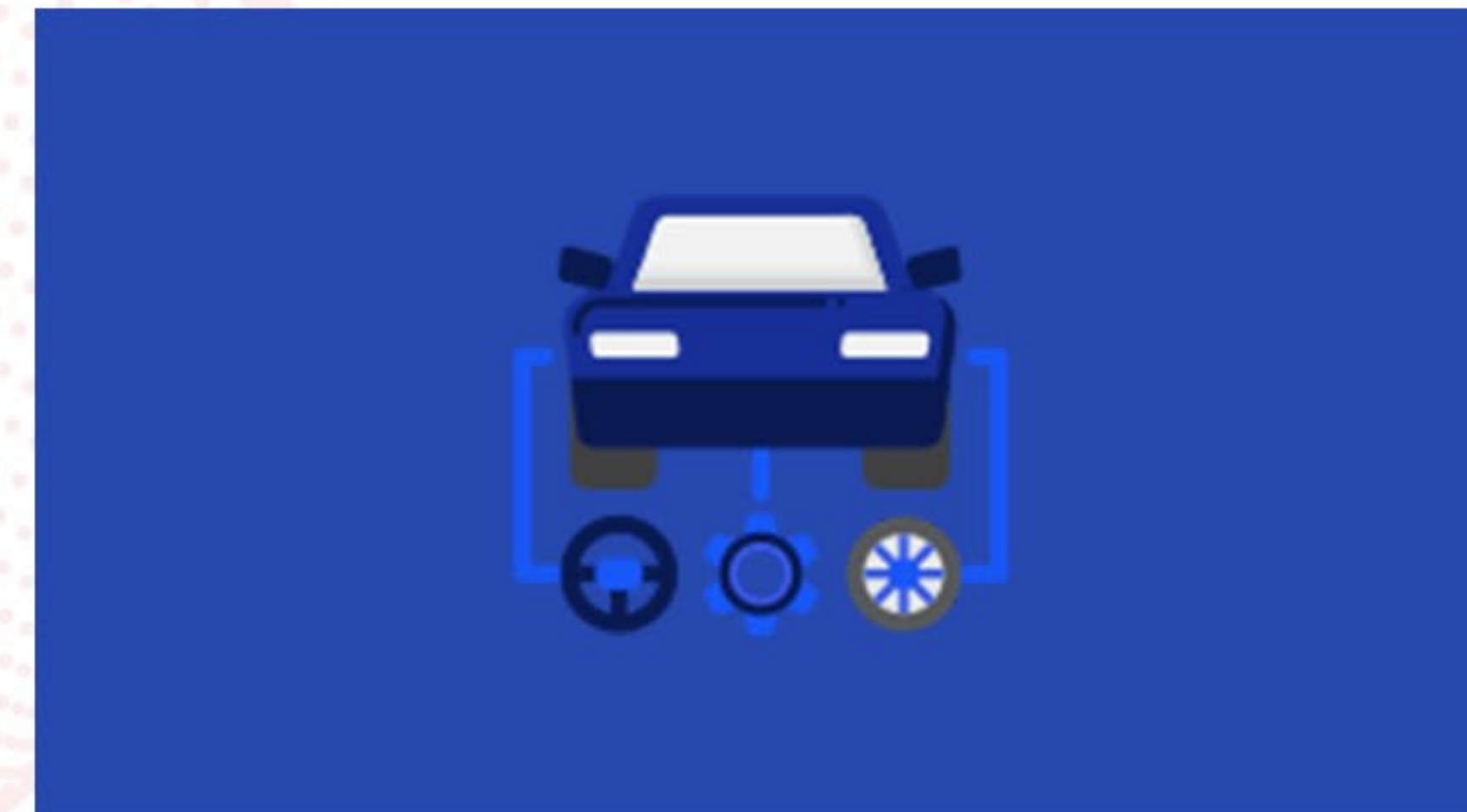

Fire & Smoke Detection

Point of Sales & Reception Supervision

Integration with Physical Security Systems

AI Vehicle Make & Model Identification

AI – Analytics

Artificial Intelligence

Gain a competitive advantage in video surveillance with analytics that elevate scene comprehension. Our AI solutions surpass conventional motion-based detection, bolstering proactive prevention strategies.

Intelligent Search

Experience a revolutionary forensic search solution that transforms your video investigations. Say goodbye to painstakingly sifting through extensive recorded footage as our smart technology enables swift and precise retrieval of the required information.

Custom Ai Video Analytics

Address your unique security and business challenges with tailored AI video analytics from 3Pillars. Benefit from our comprehensive neural network training, specifically designed to meet your precise requirements throughout the entire development cycle.

AI – Deep Learning Surveillance system

Few Scenarios where AI will be implemented

| Category	Deep Learning Algorithm
Face	Face Recognition, Face Detection
People	People Detection, Intrusion Detection (Forbidden Area Detection), People Line Crossing Detection, Un Attended Baggage Detection, People Incorrect Direction Detection, Loitering Detection, People Tracking, Crowd Detection, People Count.
License Plate	License Plate Detection, Automatic License Plate Recognition (ALPR)
Vehicle	Vehicle Detection, Vehicle Counting (Traffic Jam), Vehicle Line Crossing Detection, Vehicle Enter Area Detection, Vehicle Incorrect Direction Detection
Other	Object Based Motion Detection, Object Line Crossing Detection, Object Area Counting (Crowd Detection), Missing Object Detection, Unattended Object Detection, Object Loitering Detection, Tampering Detection, Audio Detection

AI – Deep Learning Surveillance **system**

Security Surveillance

- Person Detection
- People Counting
- Object Detection – Classify And Detect
- Intrusion Detection
- Queue Detection
- Crowd Detection
- Motion Detection
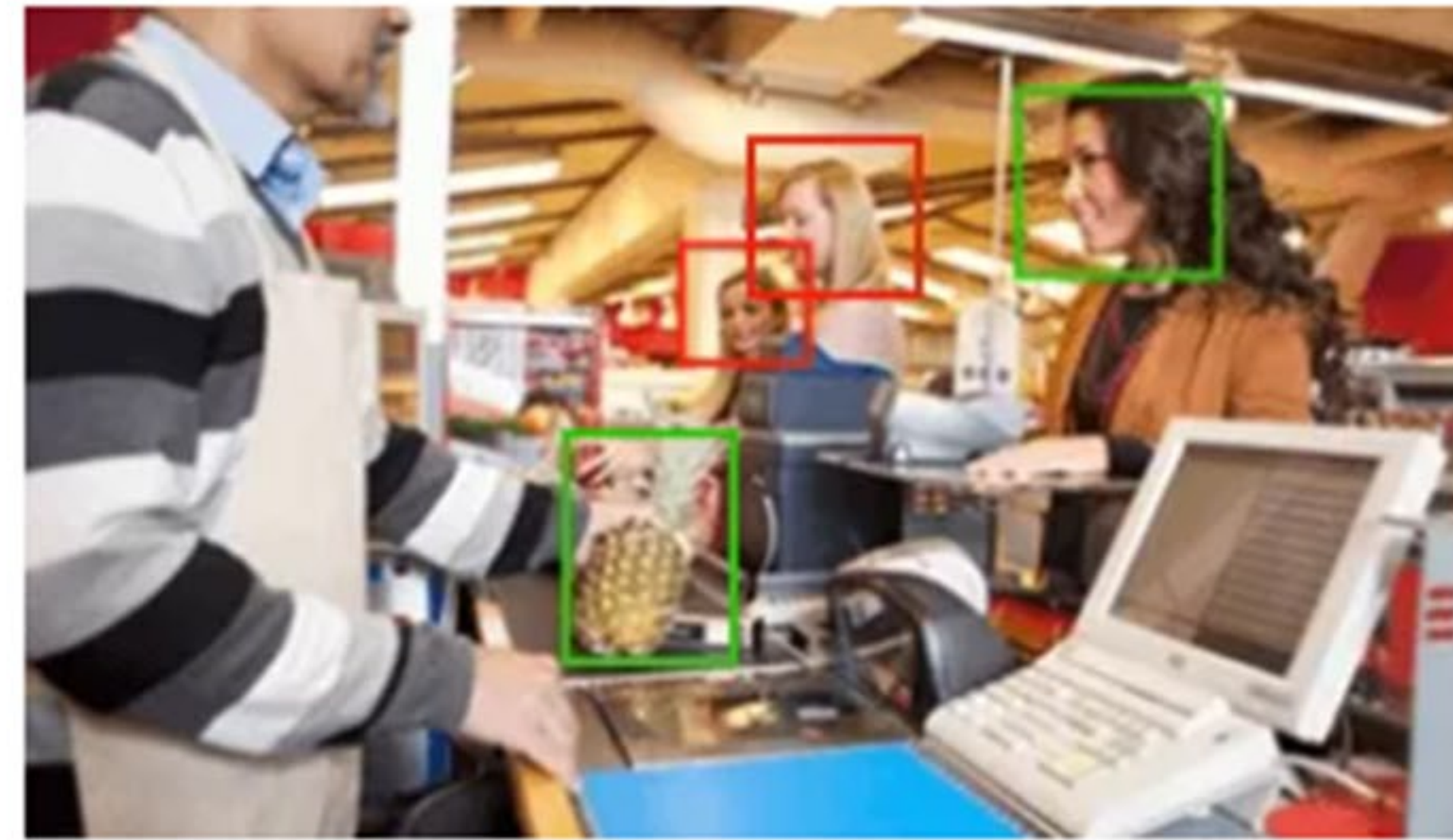
Smart Retail

- Grocery Items Detection
- Grocery Items Classification
- Decision-Making Algorithm
- False Billing Detection
- No Billing Detection

Smart City

- Face Detection And Recognition
- Object Detection – Classify And Detect
- Face Mask Detection
- License Plate Recognition
- Crowd Monitoring
- People Counting Behaviour Analytics

Range Of
Cameras

All Types and Range of Cameras

Bullet Cameras

Dome Cameras

PTZ Cameras

Thermal Cameras

Night Vision Cameras

Wireless Cameras

ANPR Cameras

AI Face detection Cameras

We Help You to Improve Your Business Operations

✓ **IP, analog and hybrid video surveillance camera systems**

✓ **Local, network and cloud-based video storage options**

✓ **Interactive video monitoring**

✓ **Video alarm verification**

✓ **Real-time video through mobile app**

✓ **Advanced video analytics capabilities and reporting**

✓ **Integration with intrusion systems, access control and more**

We Serve all industries

Defense Forces

Power Distibution Centre

Hospitality

Manufacturing Companies

Educational Institutes

Buildings and Infrastructure

Agricultural

Our Surveillance systems Implementation Process

01 — Scope Identification

- Analysis
- Define Scope
- Understanding Customer requirements & Project needs.
- Define Project Goals.

02 — Design & Planning

- Project Charter
- Project Plan
- Team Assignment
- Define Roles & Responsibilities
- Risk Assessment Plan
- Ser Targets

03 — Implementation

- Procurement
- Installation
- Project plan matching
- Customer Feedback meetings
- Testing & Commissioning

04 — Handover & Maintenance

- As-builts Submission
- User Training
- Handover
- Maintenance Support

Project Site **Images**

Project Site Images
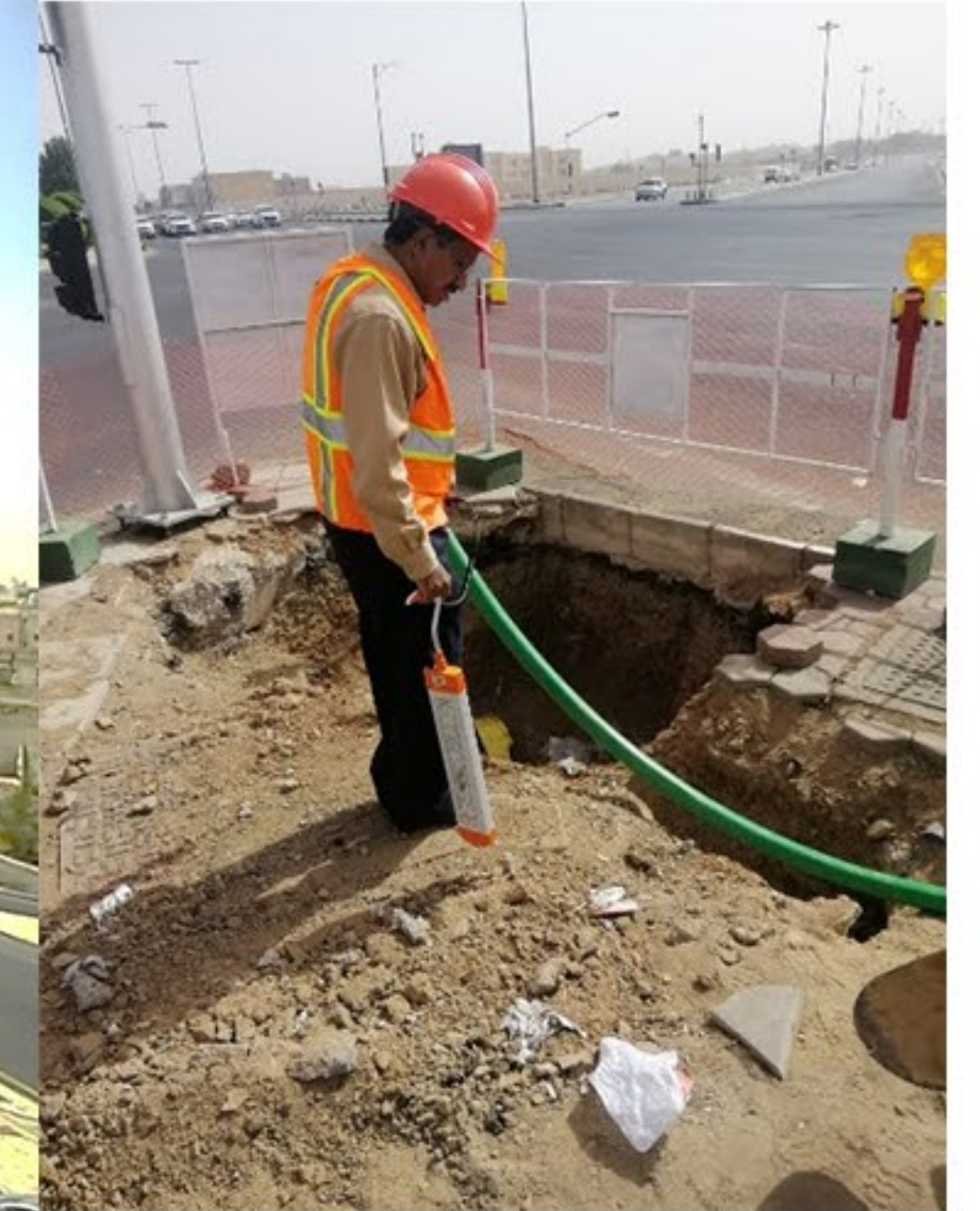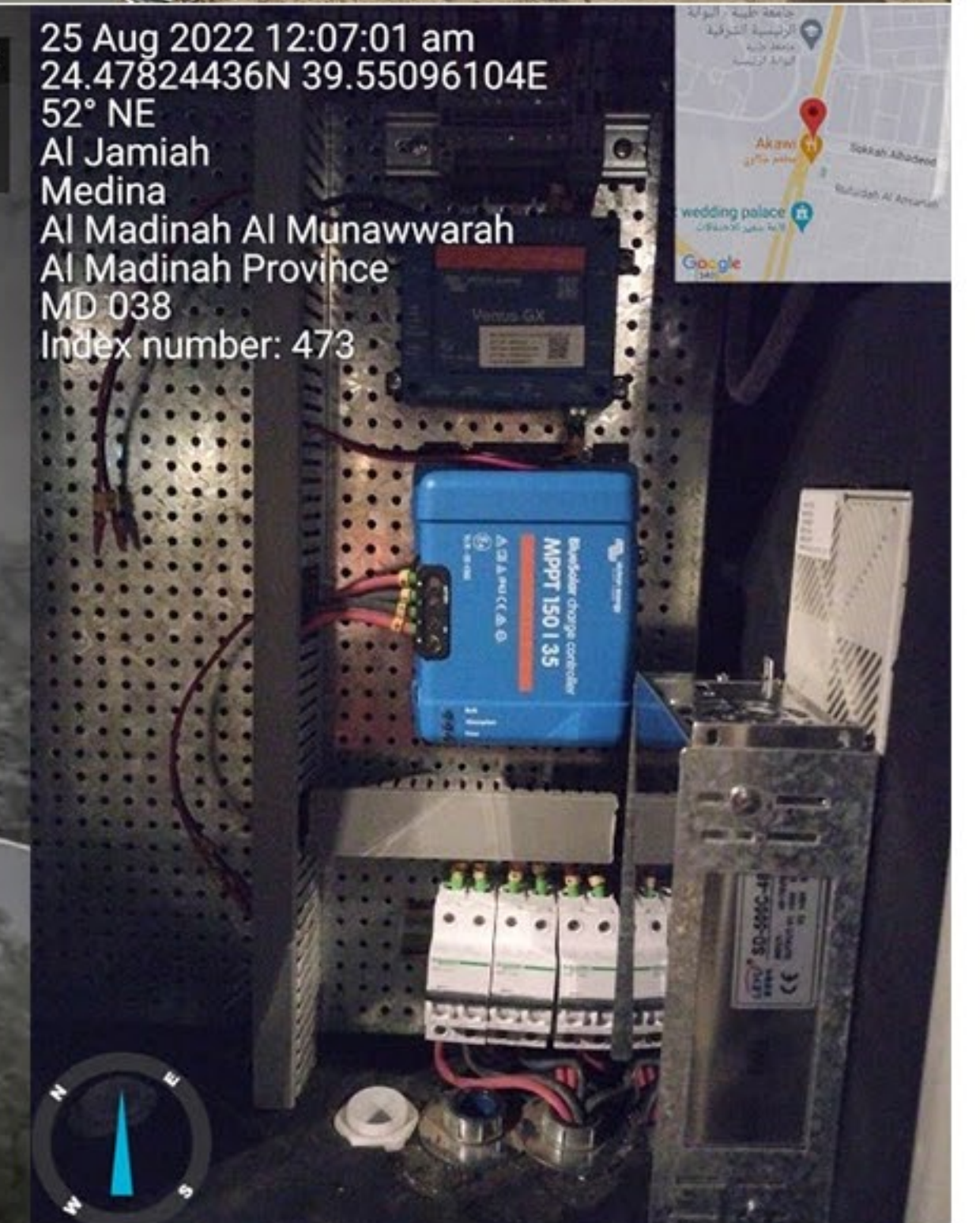
Our Experience In Security Systems
Few Important Projects

MOI – MADINA
- ☐ CCTV
- ☐ Data Center Deployment
- ☐ OSP & ISP Services
- ☐ Micro-Wave Connectivity

MOI – ARQA VIP ZONE
- ☐ CCTV Network
- ☐ OSP-ISP
- ☐ Fiber Network
- ☐ Data Center Integration

AMANA RIYADH
أمانة منطقة الرياض
RIYADH REGION MUNICIPALITY
- ☐ AI Based CCTV
- ☐ OSP – ISP Services
- ☐ Microwave Connectivity
- ☐ Fiber Connectivity

MOI – DAMMAM
- ☐ CCTV
- ☐ OSP-ISP Services
- ☐ Integration Aggregation Site
- ☐ O&M

911 – DATACENTER
- ☐ 911 – Data Center Setup
- ☐ Call Center
- ☐ DC Infrastructure
- ☐ Security Systems

Our Clients

Our Partners

Our Office
Location

RIYADH – Head Office

2563, Unit 15, Riyadh Al Olaya Center, Olaya St, King Fahad Dist, Riyadh 12271
sales@3pillarstc.com

for more info contact us:
sales@3pillarstc.com
info@3pillarstc.com

Thank You

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