COMPANY PROFILE

THINKING BEYOND

2023

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ABOUT MINDIT

MindIT is a technology solutions provider offering end-to-end solutions in the field of Information and Communications Technology (ICT) and Security. The core strength of MindIT lies in bridging the gap between state-of-the-art technological advancements and business needs across different industries.

We support our customers in implementing intricate

ICT and Security solutions that are continuously modified within the market at a fast-moving pace and offer customized solutions that meet industrial and enterprise needs across telecommunications, government, critical infrastructure, healthcare, banking, education, transportation and others.

MISSION & VISION

- MindIT strives to transform businesses into digital empires offering end to end solutions that empower them to build a competitive edge in their operations, so they operate in a safe digital environment while-keeping in mind practical economic resolutions.

- MindIT seeks to curate the latest ICT & Security advancements that solve the most difficult digital challenges for businesses.

ICT SOLUTIONS

MindIT offers ICT solutions that are a blend of innovative technologies backed by years of expertise which stems from our capacity to create end-to-end architectures, from the workplace to data center facilities. We work in partnership with the largest providers of IT solutions to provide you with optimal technology.

MindIT solutions and services encompass the following:

- Design and delivery of a functional ICT infrastructure for medium and largescale information systems;
- Delivery of reliable, mutually compatible components and software solutions, in addition to their deployment and maintenance;
- Professional user training, consulting and technical support throughout the lifetime of the products and provided solutions;
- Migration of large data and information systems, including data center consolidation.

ALLIANCES TECHNOLOGY

INFORMATION & COMMUNICATION TECHNOLOGY SOLUTIONS

CORE INFRASTUCTURE	VOICE & VIDEO COMMUNICATION	NETWORKS	ASSET MANAGEMENT

Servers	IP/VoIP Solutions	Active	Tracking
Converged Solutions	Teleconference Rooms	Passive	Maintenance
Data Storage	Interactive Screens &	Structured Cabling	RFID
Virtualization	Tables	Routers	RTLS
	Digital Displays	Firewalls	GPS
		Wireless	Access Control
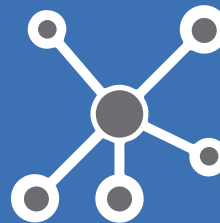
DATA CENTERS

Secure and reliable storage of data is a fundamental requirement in the successful running of an organization. Confidentiality of Databases and records depends on protected and fast systems. MindIT's data centers have been structured to encounter the highest quality of information accessibility and security. Whether you are building a new data center from scratch or retrofitting an existing facility, MindIT can lead and assist you through the entire process.

MindIT services encompass the entire data center life cycle; assessment, strategy, design and engineering, implementation, commissioning, and on-going support. We have a proven-record in assisting our clients, managing data center investments, improving operations and performance, together with meeting business objectives.

CONSULTATION AND DESIGN

DATA CENTER CONSULTING

- Feasibility Studies
- Project Cost Estimates
- Site Assessment
- Planning & Design
- Power & Cooling Systems Analysis
- IT Services
- Business Continuity Planning & Disaster Recovery
- Virtualization Strategies & Assessments
- Optimization Evaluation
- Capacity Planning

DATA CENTER DESIGN AND ENGINEERING

- Engineering Design Services
- Communication & Data Cabling Design Services
- Network Operation Center (NOC) Design Services
- Security Access & Control
- Support Infrastructure and Monitoring
- Information Services
- Network Security Design
- Network Routing and Switching Design
- Server Design
- Storage Area Network Design (SAN)

DATA CENTER IMPLEMENTATION & COMMISSIONING

- Engineering Design Services
- Communication & Data Cabling Design Services
- Network Operation Center (NOC) Design Services
- Security Access & Control
- Support Infrastructure and Monitoring

- Information Services
- Network Security Design
- Network Routing and Switching Design
- Server Design
- Storage Area Network Design (SAN)

MOBILE DATA CENTERS

MindIT specializes in mobile (containerized) data centers that are easily installable & transportable. Mobile data centers are scalable (modular) and re-deployable with secure and rugged equipment and protection.

- Temporary DC
- Disaster Recovery Mirror
- Disaster Recovery Data Storage
- Military Applications
- Airports & Ports
- Telecommunications
- Humanitarian Missions

INTERNET OF THINGS

MindIT deploys and integrates IoT technology, along with the necessary software and hardware, into the business organization. In partnership with leading IT vendors, we offer an IoT solution that smartly stores, monitors, analyzes, processes and controls any energy consuming appliance. Our offered solution allows businesses to use real-time operational insights to monitor consumer behavior, deliver better customer experiences, and provide permanent control and safety. Solution can be adapted and implemented across a variety of sectors including healthcare, telecom, public administration, retail and manufacturing, airports and more, regardless of size and complexity.

SECURITY SOLUTIONS

MindIT cyber security solutions have been developed in response to the growing and persistent threats and malware used against critical infrastructures, industrial control systems, and smart cities.

We provide a Security Information and Event Management (SIEM) solution, an integrated security platform used to manage cyber security issues related to Smart Cities and Smart Government initiatives. SIEM protects critical infrastructure against current and potential security threats and vulnerabilities using advanced Firewalls, Intrusion Prevention Systems, SSL Visibility Unified Treat Management (UTM), among others and allows investigating the cyber domain for preventive intelligence activity.

Furthermore, MindIT helps develop an end-to-end cyber risk strategy, an actionable roadmap and governance model to support your security priorities in an ever-evolving cyber era. We provide:

> a. Cyber Strategy Assessment, Gap Analysis and cyber-threat exposures
> b. Cyber Training Education and Awareness
> c. Cyber Enablement and Deployment

Using industry best practices, we create a program that establishes risk-based controls to protect the integrity, confidentiality, and accessibility of your digital estates and introduce innovations that work for you. We Inform your senior leadership and can play the role of your trusted advisor on an interim or ongoing basis.

SURVEILLANCE SOLUTIONS

CONSULTATION AND DESIGN

MindIT provides surveillance solutions that proactively monitor, integrate and unify video information for city and critical infrastructure locations.

Our solutions alert the right people at the right time about potential incidents as well as allow governments and security agencies to monitor and control crowds, traffic, borders, airports, and others using the latest active/passive scanners, IPTV, CCTV, Face, Voice, Video Analytic and unmanned Surveillance Technologies.

VIDEO MANAGEMENT AND ANALYTICS

Video Management Software (VMS) allows the recording and viewing of live videos from multiple surveillance cameras either IP-based or analog cameras with encoder monitor alarms.

MindIT offers solutions that tackle different situations such as Private property, Retail Exhibition centers, Convention halls, Airports, Train stations, Museums, Public buildings, Power stations, Entrances, Locks, Turn Stiles, Security relevant areas (airports, banks, military facilities), Security checks, Emergency exits, Freeways, Highways, Traffic, Parking garages, Commercial premises and all critical property.

VIDEO DATA STORAGE

MindIT provides solutions that store large amounts of high-resolution video with seamless recall that requires minimal user intervention. The stored video data is easily searchable for specific dates and times and is accessible by different analytical methods aiding in video identification.

MindIT offers Video Detection tools including:

- **Privacy Protector** - Visualize pixelized faces where action remain recognizable
- **Intrusion Detection** – Automated perimeter protection
- **Direction Controller** - Automatic analysis of movement
- **Activity Visualizer** - Visualization of motion & dwelling time
- **Left Object Detection** - Accurate visual detection of objects
- **Face Collector** - Collection of faces in surveillance videos
- **People Counter** - Automated counting of people in real time
- **Queue Detector** - Automated visual analysis of queues
- **Vehicle Counter** - Automated vehicle counting

UNRIVALLED DETECTION SYSTEMS

MindIT provides a complete range of outdoor electronic perimeter detection systems.

We provide system planning, installation and commissioning services and handle the complete installation requirements for system integration.

ELECTRONIC SURVEILLANCE

MindIT provides electronic surveillance, a system that collects and analyzes publicly broadcasted WiFi signals from devices emitting standards-compliant WiFi transmissions.

Use-case scenarios for Electronic Surveillance Systems include:

- Force Protection
- Countering Theft
- Enhancing Video Monitoring
- Handoff of Systems of Interest to Other Collection Capabilities
- Tangential Targeting
- Integration into Commercial Security Systems
- Multifactor Authentication

THERMAL SURVEILLANCE

MindIT offers thermal network cameras that create images based on the heat that radiates from an object, vehicle or person.

These are a reliable detection tool with a low rate of false alarms, in 24/7 surveillance, from pitch-dark areas to a sunlit parking lot.

Thermal cameras can be used in a wide range of security applications, such as perimeter protection around industrial sites, airports and power plants.

RADIO FREQUENCY IDENTIFICATION (RFID)

MindIT provides Radio Frequency Identification (RFID)- a synonym for Real-Time Locating System (RTLS)- a system that uses electromagnetic fields to automatically detect and track tags attached to objects/products.

RFID system consists of Tag chips attached to objects carrying identification information. Readers and Tags communicate information between one another via radio waves and the solution connected to the Readers uses this information for various purposes. RFID tags are used in many industries; they can be attached to cash, clothing and possessions, or implanted in animals and people.

ASSET MANAGEMENT SYSTEM

MindIT offers an innovative management system to monitor all physical assets in a company and track maintenance activities. The system ensures a preventive approach that predicts the longevity of an asset. The asset management system ensures all company's assets are being utilized fully or maintained and replaced when needed thus increasing business's effectiveness and reducing costs. The system operates one, synergistic whole with first-rate modules through being integrated with a business's existing systems. The solution is most beneficial to companies from asset-intensive industries such as transit, utilities, oil & gas, public sector, and manufacturing.

VIDEO WALLS

Video walls are special multi-monitor setup that consists of multiple computer monitors, video projectors, and television sets tiled together contiguously or overlapped in order to form one large screen. Typical display technologies include LCD Panels, Direct View LED arrays, Blended Projection Screens, Laser Phosphor Displays, and Rear Projection Cubes. Video walls are sometimes found in control rooms, stadiums, and other large public venues.

DOCUMENT MANAGEMENT SYSTEMS

MindIT offers Document Management System (DMS), a computer system and software used to store, manage and track electronic documents and electronic images of paper-based information captured using document scanners.

DMS HAS SIX BASIC COMPONENTS

• Document Capture
• Document Storage
• Optical Character Recognition (OCR) & and Optical Mark Recognition (OMR)
• Indexing and retrieving tools for document search
• Document Export
• Document protection
• Audit Trails

CUSTOMIZED CONTROL ROOMS FURNITURE

MindIT offers a wide range of products from room personalized storages, multifunctional furniture, height-adjustable tables to modular ones, to mobile and storage systems. These solutions are specially designed to give the perfect solution that a working environment needs.

TRANSPARENT LED DISPLAYS

Transparent LED displays are the next generation of window displays in the retail and corporate sector, which create an impact on store fronts, shop windows and glass façade. These displays allow the shop front or atrium to be converted into a digital advertising space, whilst allowing visibility.
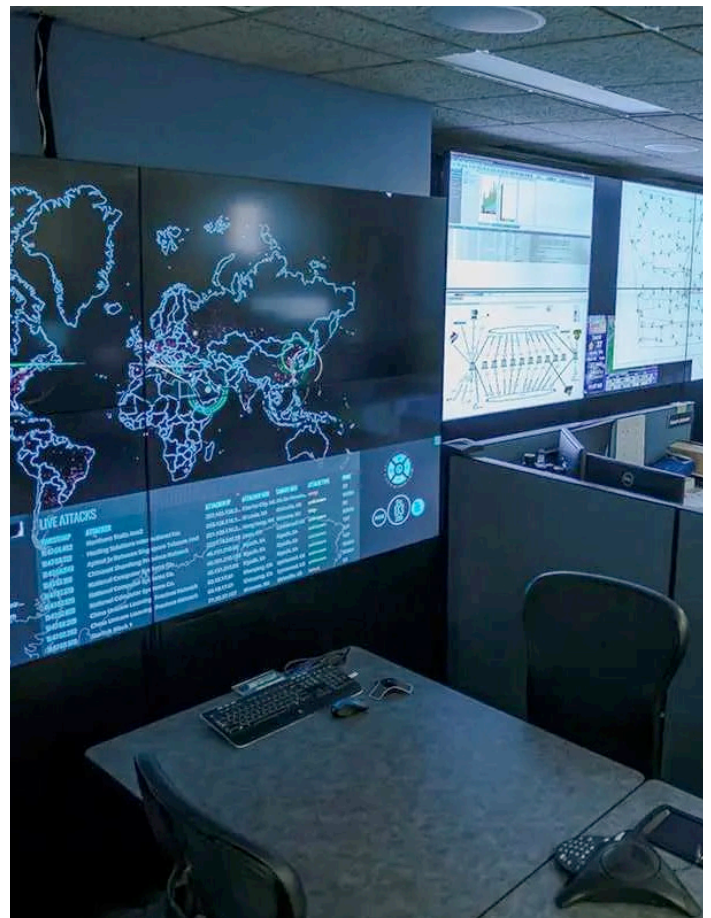
INTELLIGENCE SOLUTIONS

MindIT helps governments and intelligence agencies anticipate and preempt immediate and future threats from subversive groups by sourcing, analyzing and exploiting timely data. MindIT provides top of the line solutions for Social Media Monitoring, Massive and Lawful Interception, Open Source Intelligence, IoT, Digital Identity, Data Mining, Data Warehousing, and Analytics Services.

ENTERPRISE DATA WAREHOUSING (EDW)

MindIT offers EDW a powerful data center with high computing and storage capacity used to collect and organize data from multiple sources such as CDRs, Social Media, Open Source Intelligence, Voice, Text (OSINT), Internet Traffic, and many others. Following data organization, an analytical system processes the data to generate critical information useful to law enforcement and national security agencies.

EDW utilizes several technologies and techniques that automatically discover and create entities. If an entity is discovered in an attachment that already exists in the intelligence data store, the new data is automatically matched and linked to it. This supports investigation teams to make better-informed operational decisions and identify, adapt, and respond quicker to changes in the criminal environment.

EDW combines analytics with human analysis through our unique data modeling process that allows the real world to be mapped into entities, relationships and events. It creates a single repository of information on crimes and incidents, allowing connections between events, people, places and victims to be surfaced from masses of data.
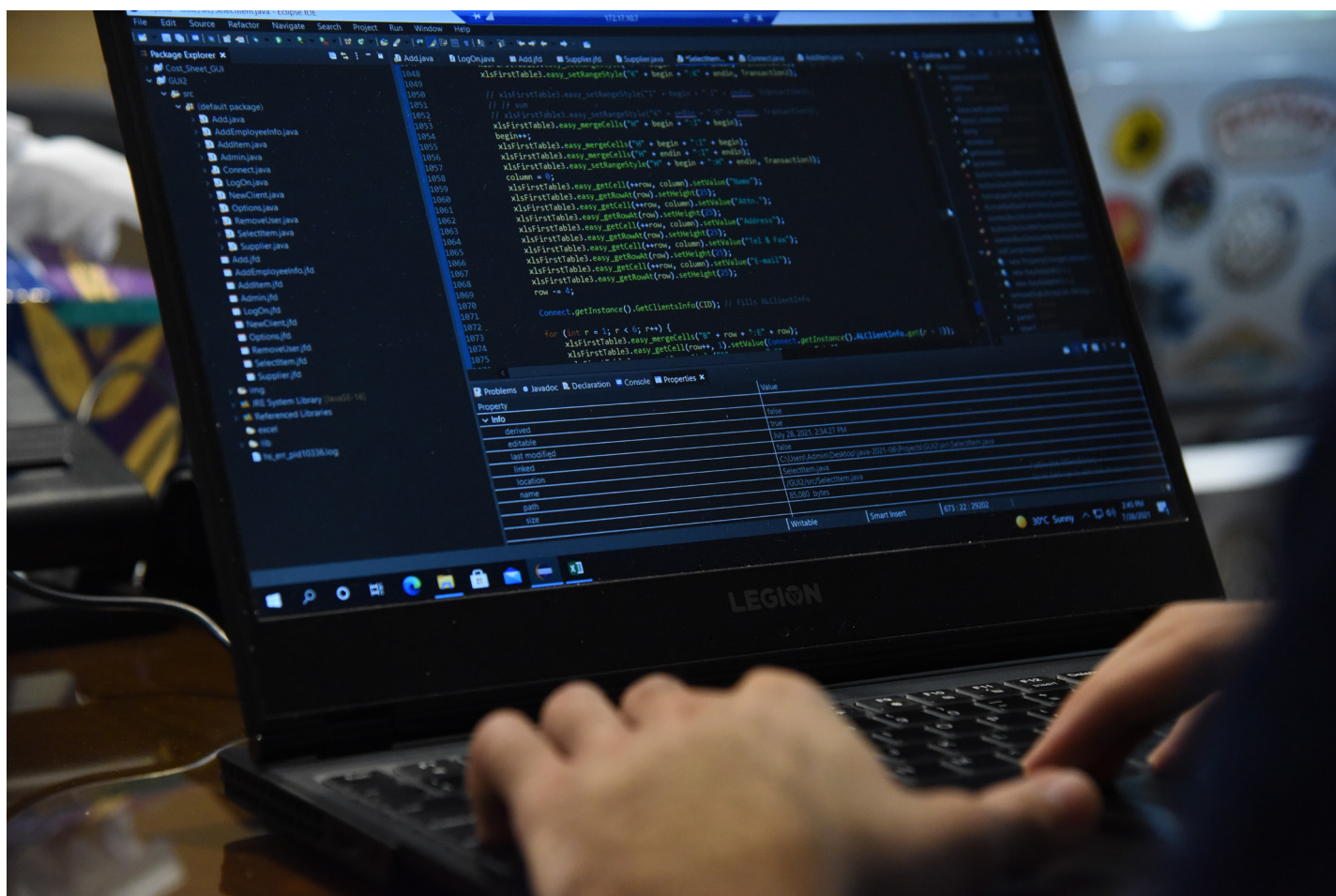
DIGITAL AND CYBER FORENSICS

Digital and Cyber Forensics science encompasses the recovery and investigation of material found in digital devices. Forensics may also feature in the private sector; such as internal corporate investigations or intrusion investigation.

MindIT provides consultancy and integration for forensics labs in five core areas: Computer, Mobile, Network, Audio and Video Forensics. We help law enforcements and the private sectors in their digital/cyber forensics and eDiscovery in the analysis and reporting of their examinations.

SECURITY ANALYTICS SOLUTION (SAS)

MindIT offers SAS, a powerful investigative analytics solution essential for intelligence and investigative teams in law enforcement and government agencies to prevent and solve crime faster by rapidly revealing actionable intelligence hidden in data. SAS is forceful in preventing and solving a wide range of crimes including: Organized Crime, Transnational Crime, Violent Crime, Trafficking, New Generation Extremism

LAWFUL INTERCEPTION

Lawful interception (LI) is obtaining communication network data pursuant to lawful authority for the purpose of analysis or evidence. Such data generally consists of signaling or network management information or, in fewer instances, the content of the communications. If the data are not obtained in real-time, the activity is referred
to as access in the interception of telecommunications by law enforcement agencies (LEAs), regulatory or administrative agencies, and intelligence services, in accordance with local law.

VOICE BIOMETRIC VERIFICATION

Voice Biometrics is a technology that depends on the identification of voice patterns to verify the identity of individuals. MindIT offers revolutionary speech recognition and voice biometrics technologies to meet the plans of any commercial and governmental organization to help:

- Build voice bots
- Verify a speaker's identity based on voice biometrics
- Prevent voice fraud
- Transcribe speech to text
- Search for speakers and context in large amounts of audio
- Shorten the authentication phase of an average call by 30+ seconds
- Reduce cost

MINDIT ptovides several voice analytics solutions including:

- Speaker Identification: Voice biometry for speaker search, Verification, or Authentication by voice.
- Language Identification: Distinguish the language or dialect spoken (Arabic included). It enables you to route audio by language
- Speech Transcription: Convert audio to text. Text can be easily read, edited, searched, or analyzed
- Acoustic Keyword Spotting: Find the occurrences of keywords or phrase in audio recordings
- Gender and Age Identification: Determine the gender of people in audio to narrow the search space.

Lawful interception (LI) is a security process in which a network operator or service provider gives law enforcement officials access to the communications of private individuals or organizations.

MindIT provides a holistic approach for data collection, interception, storage, and analysis of data from the national telecom operator sites to be used by lawful agencies.

PROFESSIONAL SERVICES

NETWORK AND INFRASTRUCTURE ASSESSMENT

MindIT offers network and infrastructure assessment on internal, external and wireless networks that enables organizations to test and validate infrastructure components, thereby reducing the chances of downtime and improving the performance of their IT infrastructure. Assessment includes manual tests performed by our team using a variety of network penetration techniques and tools.

• Internal Network Security Assessment
• External Network Security Assessment
• Wireless Network Security Assessment
• Penetration Testing
• Physical Security Testing
• Corporate Security Culture Assessment

WEB AND MOBILE APPLICATIONS SECURITY TESTING

MindIT offers network and infrastructure assessment on internal, external and wireless networks that enables organizations to test and validate infrastructure components, thereby reducing the chances of downtime and improving the performance of their IT infrastructure. Assessment includes manual tests performed by our team using a variety of network penetration techniques and tools.

CUSTOMIZED AND PROFESSIONAL TRAINING

MindIT offers customized training programs along with advanced software and hardware requirements to help trainees understand and develop practical knowledge and insight related to technology, data science and artificial intelligence to assist them in gaining the ability to design and develop effective and efficient analytics. Our trainings are organized virtually or on premise.

TRAINING PROGRAMS ARE OFFERED ON THE FOLLOWING:

- Big Data
- Data Recovery
- Digital Forensics Examiner
- Artificial Intelligence & Cybersecurity

We also provide Services including:
- Gap Analysis or Training Needs Analysis (TNA revealing organizational skills readiness by specific functions, roles and responsibility levels
- Assessment of the IT landscape of an organization

TELECOMMUNICATIONS

NETWORK PLANNING & DESIGN

MindIT provides traffic forecasting and capacity planning to ensure the efficient and effective utilization of the new network nodes. With our network planning and design service, your network architecture parameters are set to fulfill your business plan in terms of capacity, coverage, cost, and quality of service.

TELECOM NETWORK IMPLEMENTATION & MAINTENANCE

MindIT telecom teams provide a full network implementation scope for new telecom network build, existing network upgrade or swap projects. This includes site survey solution, new telecom equipment installation, civil works implementation, site integration & testing, radio drive tests and RF optimization. Our teams are committed to providing all network support and maintenance services to guarantee network flexible running and safety guaranteed by service level agreements (SLAs).

TELECOM SITES PREPARATION

Telecommunication towers have several applications in different sectors such as Mobile, Internet, Television, Navigation, and Radio Signal transmissions. MindIT encompasses solutions & services for the Telecom Infrastructure requirements. These include Concrete Works, Steel Works, Tower Design, Galvanization, Painting, Earthling Systems, Fencing, Lightening Absorbers, UPS Systems, Air Conditioning and CCTV. Furthermore, our team embraces internal and outsourced expertise specifically designated for each activity.

TELECOM SITES SECURITY & PROTECTION

MINDIT offers an integrated security management system that is cost-effective to protect Telecom sites ensuring a high level of security and safety. This includes Fence Protection Systems (Infrared Beam Detectors, Flexi Guard and Red Scan), CCTV, Access management (Biometric Access, Access Cards, High Security Door Locks), Fire Detection and Alarm System (Fire Sensor, Smoke Detection), and Equipment Monitoring (Fuel Tank, Generator and Power, Temperature and Humidity). An integrated security management system helps service providers and tower operators protect their capital investment and minimize operating costs.

OIL & GAS (O&G)

MINDIT provides solutions ad services specifically targetting companies in the Oil & Gas industry. These Solutions include:

1. Infrastructure Security for Oil & Gas Industry

Critical oil & gas infrastructure is often remote and susceptible to vandalism and destruction. Sub-stations are remote and fuel Pipelines can be challenging to monitor and manage especially in inhospitable terrains and under high temperature fluctuations. Collapses and breakdowns as well as physical attacks and destruction are major concerns.

MindIT and partners offer innovative technology that enables intelligent applications to run outdoors on portable, self-powered surveillance units. The unit can be deployed in less than 30 minutes per unit to gather, analyze and relay intelligent insights without the need for fixed power or wired communications enabling these units to work even if the power goes down. Our offered system provides video analytics to detect objects, sends real-time alerts and allows Real-time visibility over an entire pipeline system, with accessible data, zero incidents of vandalism post-deployment and a secured and controlled system.

2. Pipeline Leak Detection System

MindIT offers O&G customers a solution that effectively monitors Oil & Gas Pipelines to prevent risks concerning fluids spill and workforce & environment safety. Our Solution provides a secure, reliable, and uninterrupted pipeline communications system. The system is made of three essential elements: a backbone transmission system; an integrated solution for remote site power supply, communication, and Internet of Things (IoT) edge-device intelligence; and a monitoring system.

3. Intelligent Data quality inspection and IT/OT Operation

MindIT & Partners offer a Data Quality Management Solution consisting of various data quality check tools, templates and business rules catalogues. Our solution enables improved certainty of interpretation through correct and concise data information within timelines; improved efficiency of data usage by ensuring transfer of data to various Petro-technical applications and multiple relevant databases; reduction in Time To Resolve (TTR); and improved First Time Resolution (FTR) request count; all this with the help of a skilled support team.

4. Robot & Drone Inspection

At MindIT we help O&G customers execute drone operations to support maintenance and asset integrity management of the tanks and pipeline infrastructure. We partner with global leaders to bring you a solution that enables access to critical spatial and visual data without causing any operational downtime.

One application of the solution allows customers to fly over the asset and collect high-resolution thermal and long-range zoom camera data in order to conduct a safe and systematic inspection of all kinds of surface facility assets. The second application is Confined Space Inspection which allows flying inside the tanks and around high-risk structures at a very close proximity without potentially even requiring manned entry into the tanks. A third application of the solution allows LIDAR scanning to make an accurate 3D reconstruction of the asset known as "As-Built Model". Our solution has a major advance for O&G industry as it saves a huge amount of time and cost and is much safer than traditional methods.

5. Predictive Maintenance

MindIT solutions help clients detect failures in critical equipment ahead of time by giving customers an early warning signal to help predict potential failures of equipment. It shifts the maintenance strategy from being reactive to being preventive & predictive management.

6. Digitilization Solution for Oil and Gas Industry

MindIT & Partners offer a unique service of digitizing documents automatically and liberating vast stores of hard-to-access physical data. Our offered automation suite captures, organizes, and analyses Oil & Gas industry data and helps make the data more searchable and compatible with interpretation suites thus reducing the turnaround time for interpretation decisions. We offer best-in-class well log printers, well log scanners, automated well log and map digitizing software, geology analysis package, and a GIS-based data access and visualization package that pulls it all together.

7. Virtual Systems for Training & Logistics

In partnership with leading vendors in the VR/AR technologies, MindIT offers virtual reality-based training solutions/systems used for tasks related to maintenance, assembly and sequencing, as well as inspection and quality control. We also provide customized software packages for real time position monitoring, visualization and analysis of factory operation. Our systems provide trainings on a number of subjects including: Virtual industrial robot control, Safety rules testing, Robot collision detection, Real time progress monitoring, Faulty part replacement, Fluid and gas simulation, assembly procedures, Final product inspection, among others.

HOW WE CAN HELP

Our specialized experts will guide you on your digitization journey using our wide range of solutions listed in solutions and services.

Our team of professionals, will provide you with a thorough explanation and advice along with a demo/use cases to effectively determine which technology suits your company best.
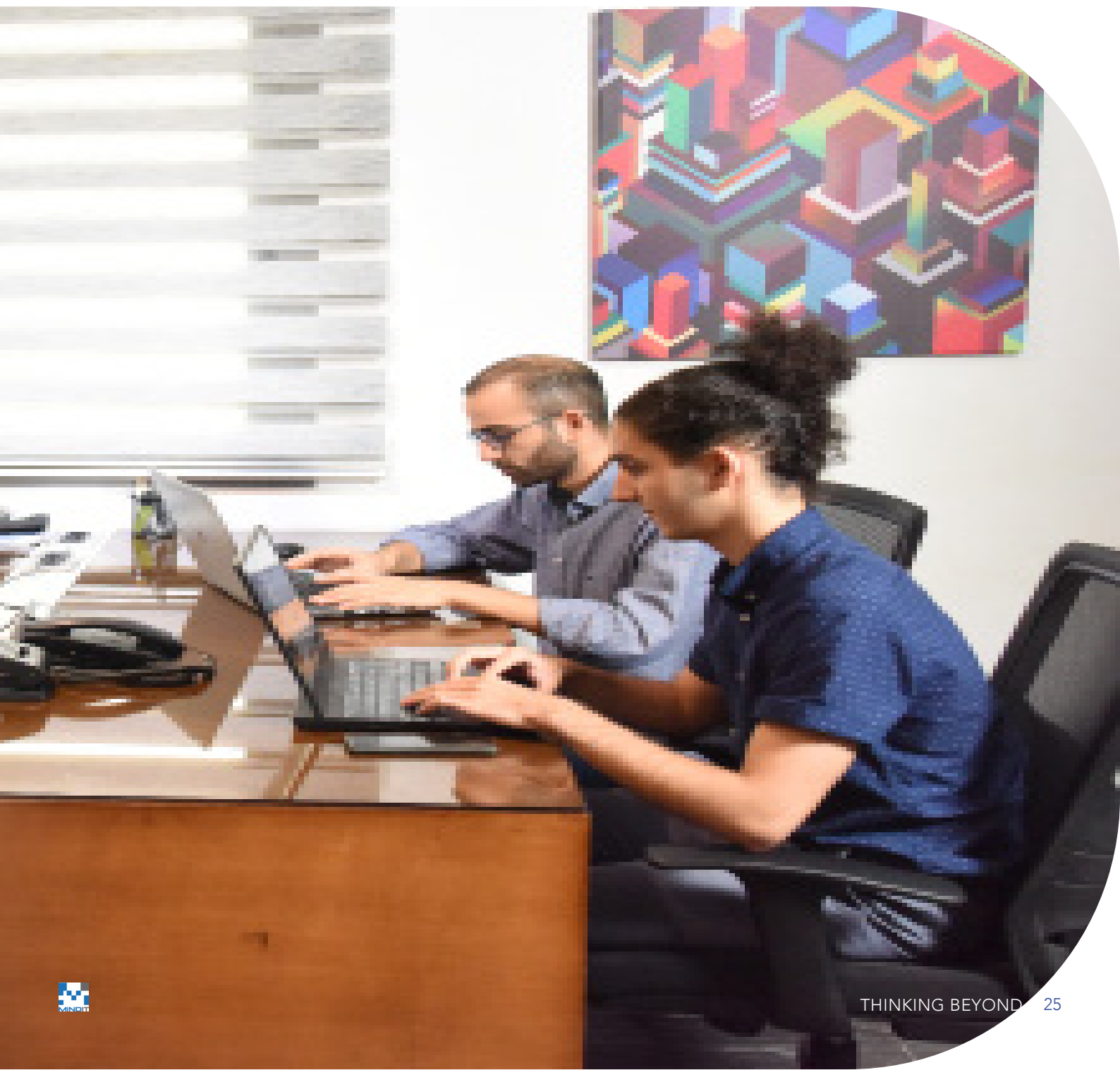
Lastly and an element we pride ourselves in, is giving the ability to get full documentation on the implemented solutions. As well as the ability to benefit from a maintenance contract and even advanced training.

Book a meeting by sending an email to info@mindit.com.lb
Find out exactly which solution works for your business.
Get the needed professional advice that works for your business's budget.