



Integrated Computer Systems

Technology Services Built on Human Values



Portfolio





1

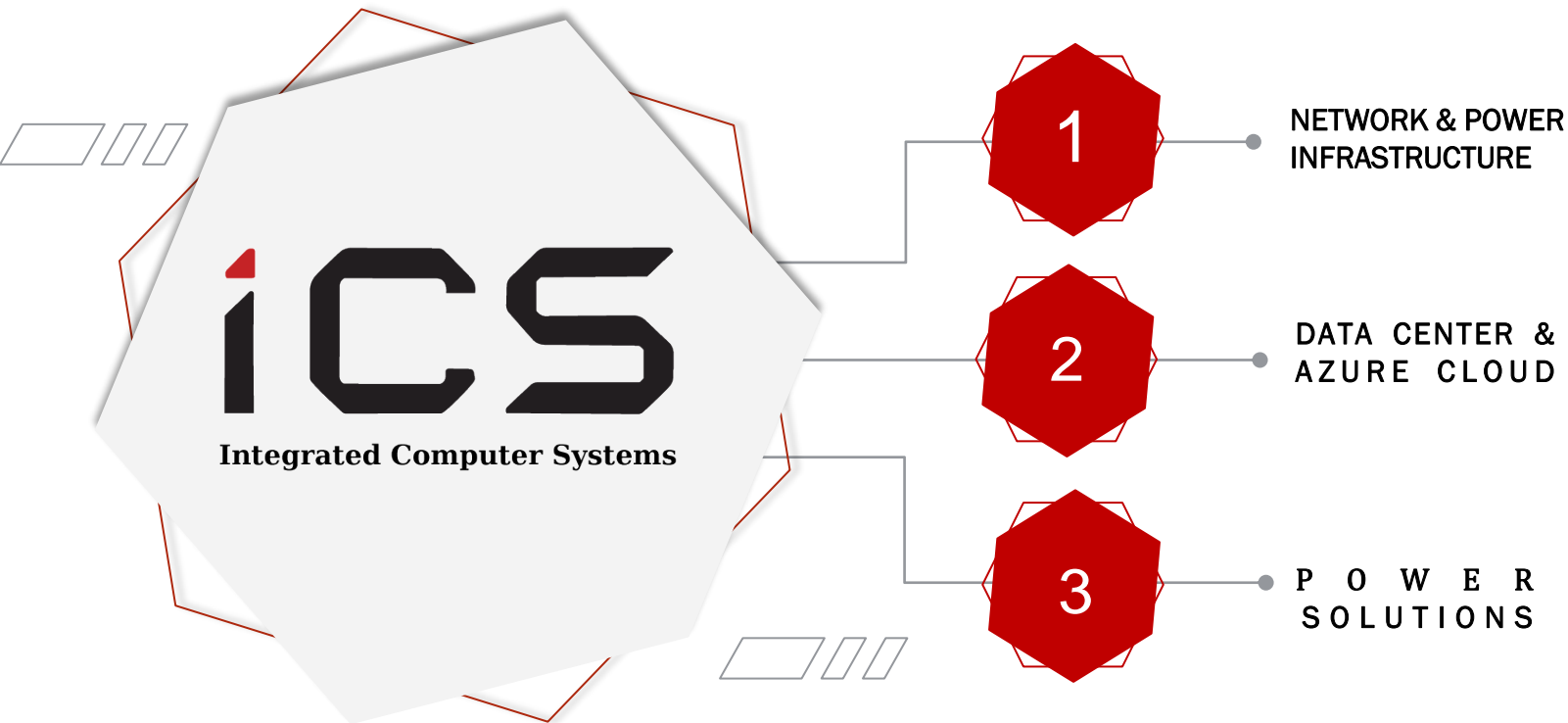
OUR MISSION

**Provide Technology Services that is Built
on Excellence, Efficiency, and Integrity**





OUR BUSINESS LINES





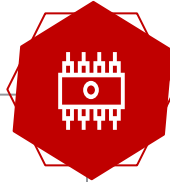
INFRASTRUCTURE SERVICES



Outside-Plant

- Fiber Infrastructure
- Power Infrastructure

01



Inside-Plant

- Low current
- Constructions

02



Networking Services

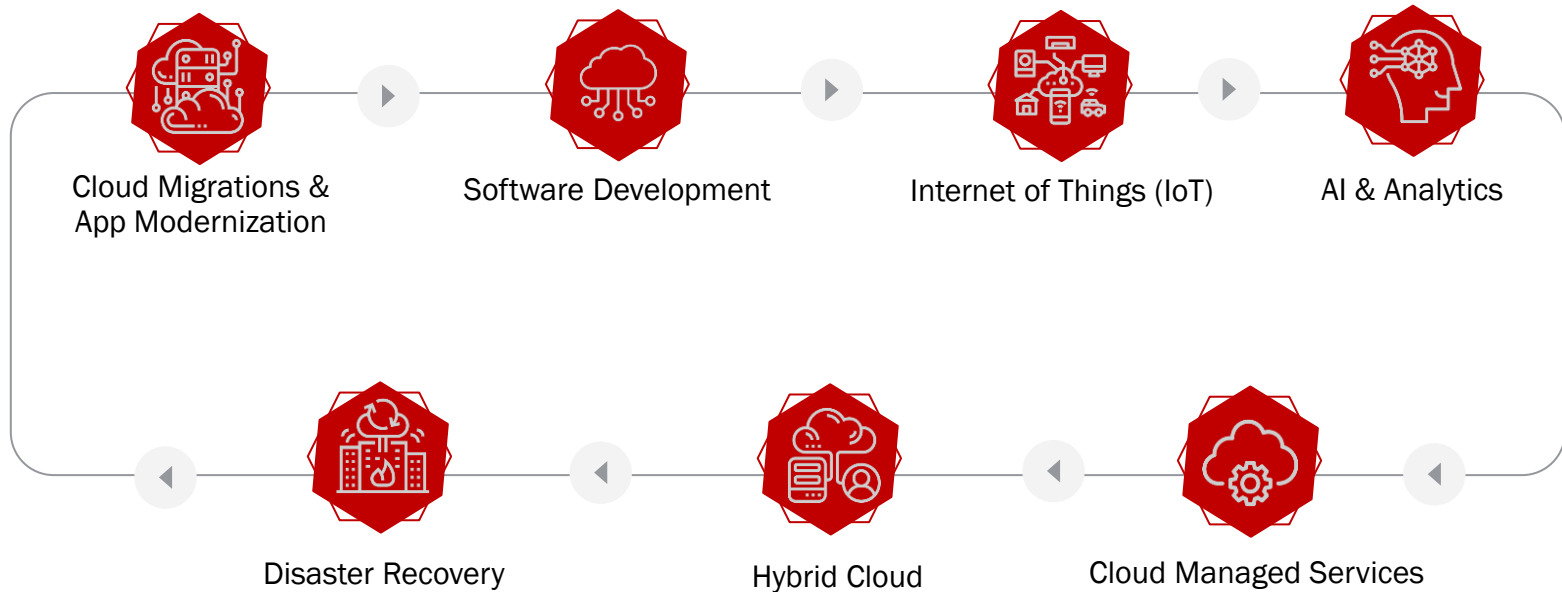
03



Our Solutions

We offer a diverse set of Solutions to assist you in your Digital transformation journey.

What we can do for you !



What we can do for **you** !



Cloud Migrations & App Modernization

Migrations from On-Premise to Azure Cloud & Other Cloud to Azure Cloud. Modernize legacy app to leverage the benefits of the Cloud.

Services

- Cloud Readiness Assessment.
- Strategy and Planning.
- Migration Execution .
- Operate & Optimize.
- App Modernization.
- Archive Storage – Low-Cost Storage.



Software Development

Cloud native apps are designed and built to exploit the scale, elasticity, resiliency, and flexibility the cloud provides.

Services

- Customized Architecture Design of Secure Cloud Native Applications.
- Cloud Native Application Development.
- CRM and ERP Development & Support.
- Web , Mobile Development
- App Stack Cloud Deployment .



AI & Analytics

Digitally Transform your business with the latest Cutting Edge Technologies.

Services

- AI – (Facial Recognition, Chatbots, Scraper)
- Analytics – Build Data warehouse and analyze the data using machine learning algorithms and visualize the result over a rich Power-BI Dashboard.





Internet of Things IoT

Upgrade your business to Industry 4.0 by leveraging IoT Technologies.

Use Cases

- Condition Monitoring & Predictive Maintenance
- Remote Monitoring and Control
- Asset Tracking (Fleet Management)
- Inventory Management
- Environment Safety



Disaster Recovery

Greatly reduce infrastructure cost by adopting Cloud based Disaster Recovery and Backup Solution.

Services

- **Site Failover Solution:** On-Prem to On-Prem, On-Prem to Cloud, Cloud to Cloud disaster Recovery Solution.
- **Backups:** Backup on-prem and Cloud data in multiple regions for High Availability.
- **Centralized Management** of Backups



Hybrid Cloud

Leveraging the benefits of Both On-premise and Public Cloud Environment.

Services

- **Extend your On-Prem Environment** to the Cloud. Azure VPN Gateway, Express Route (Partner)





Cloud Managed Services

Define Policies, Optimize or Provision Infrastructure.

Services

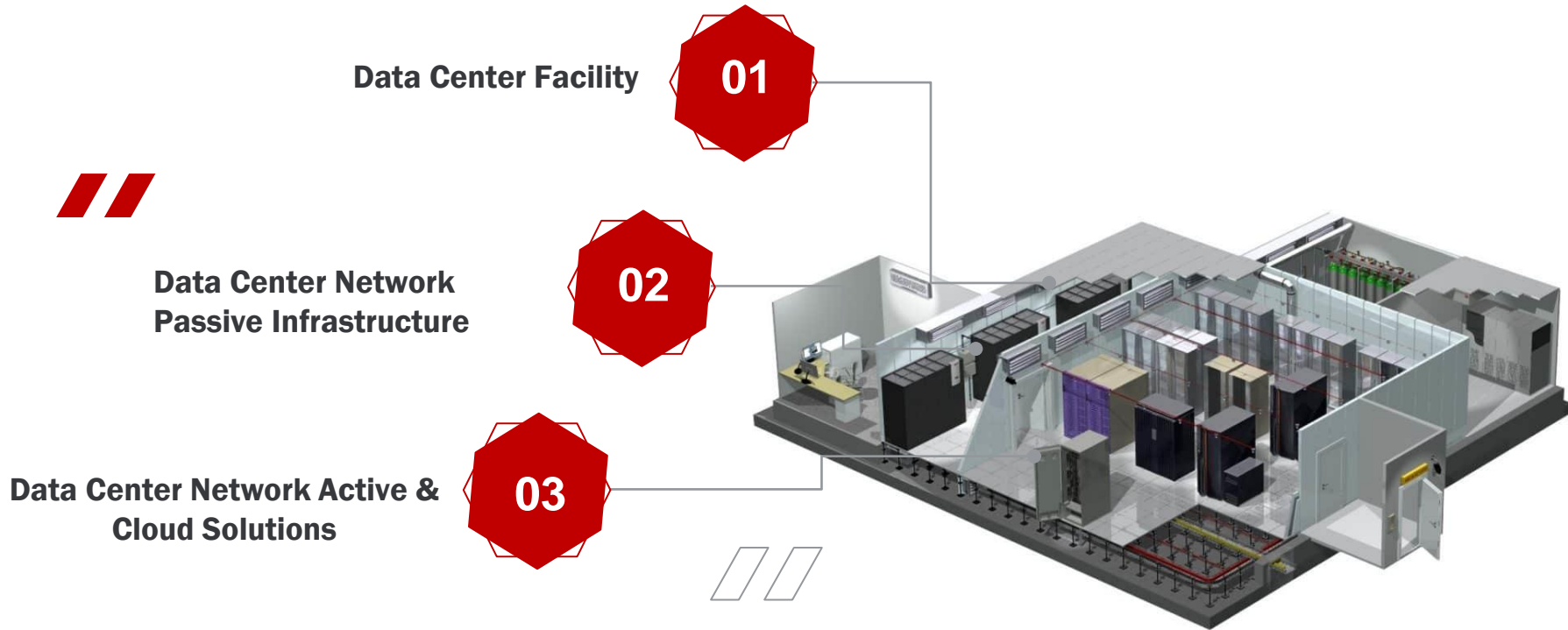
- Cloud Managed operations
- Security Monitoring of Cloud Infrastructure
- Cloud Optimizations.
- DevOps



4 DATA CENTER BUSINESS UNIT

Data Center Solutions & Services

Leverage the power of integrated infrastructure targeting sustainable, agile, efficient, and resilient data center





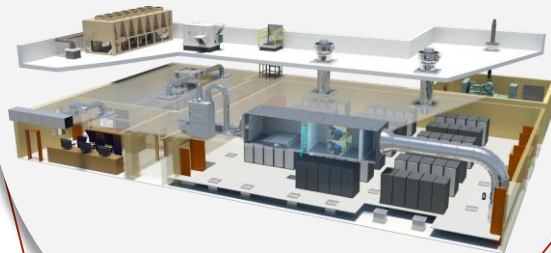
Data Center Solutions Supply, Preparation, Implementation, Handover, and Operation.

Data Center Infrastructure Management (DCIM).

Testing and Certifying Data Centers.

IT Infrastructure Availability & Resilience Assessment, Health Check, and Gap Analysis Reporting.

Data Center Services



Operation, Maintenance and Managed Services for Data center Facilities.

Operation & Maintenance of the Integrated Security Systems.

Data Centers Air Flow Optimization.

Data Center Migration Services.

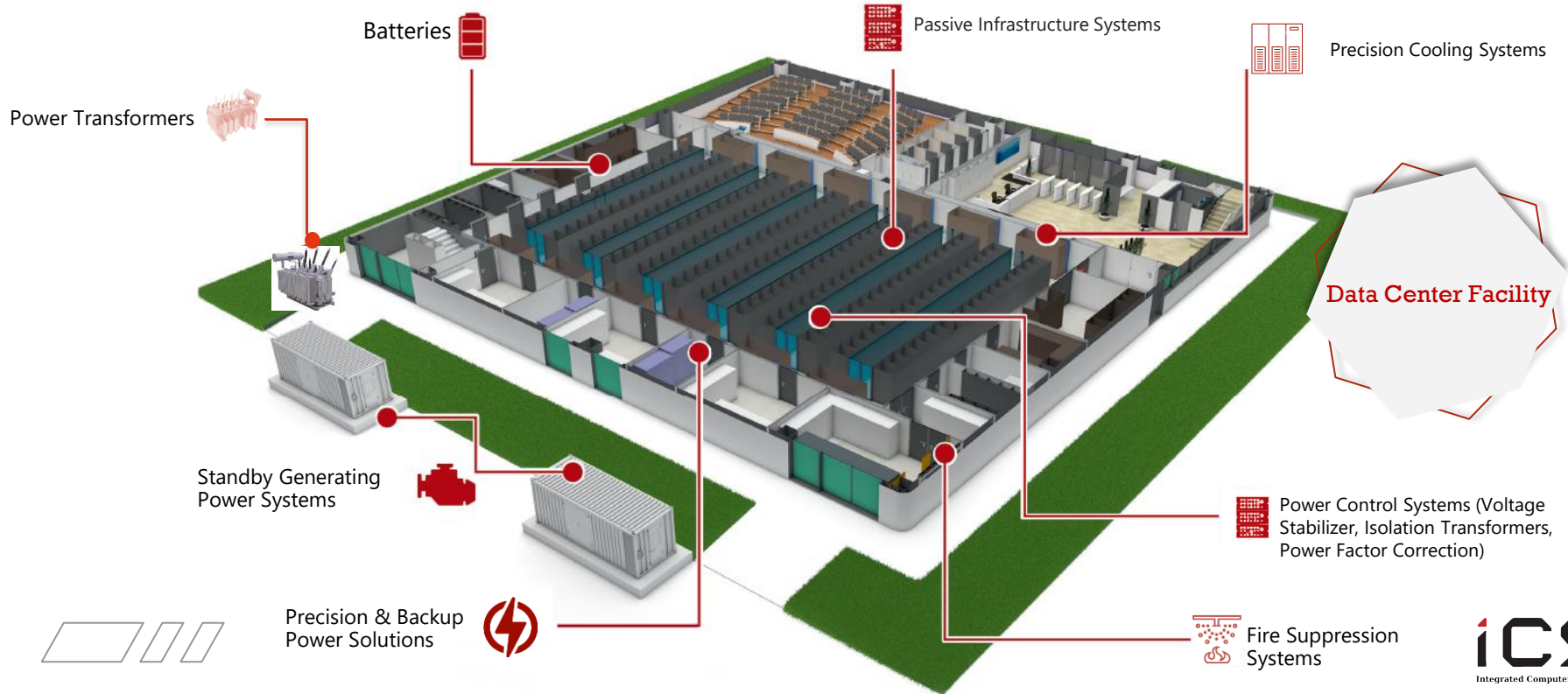
Turnkey MEP Works



6

DATA CENTER BUSINESS UNIT

Data Center Solutions

legrand®**COELMO®**
GENERATORS**HiRef**
Innovators above
the standards**ICS**
Integrated Computer Systems

7

DATA CENTER BUSINESS UNIT

Precision Cooling



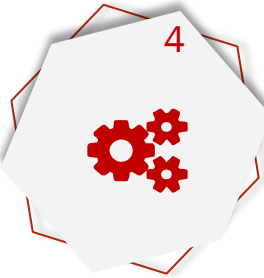
Computer Room Air
Conditioning Systems (DX,
CW, Combined, Dual Coil
Solution)



Rack Cooling Systems (In-
row Cooling Units)



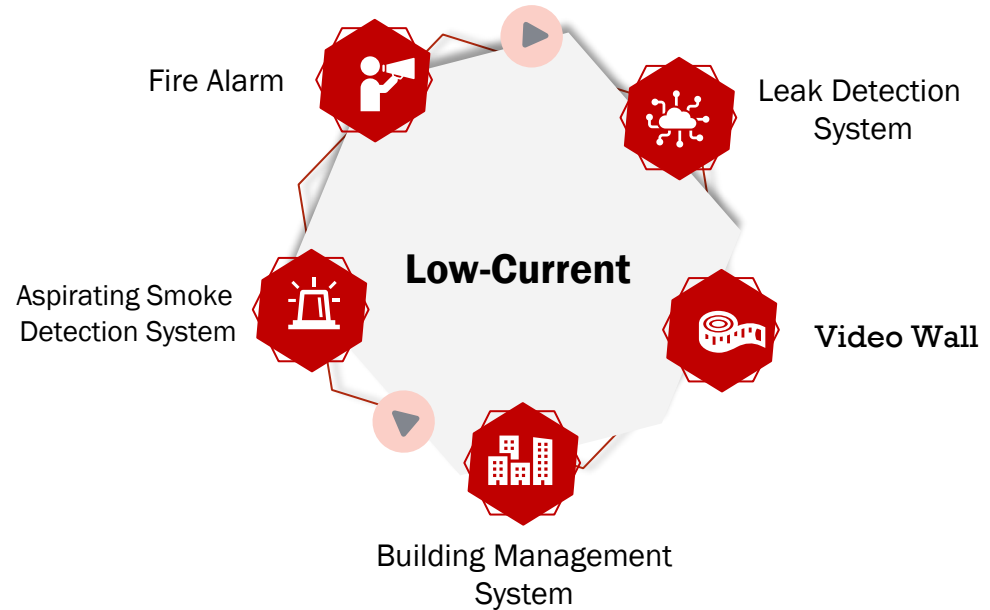
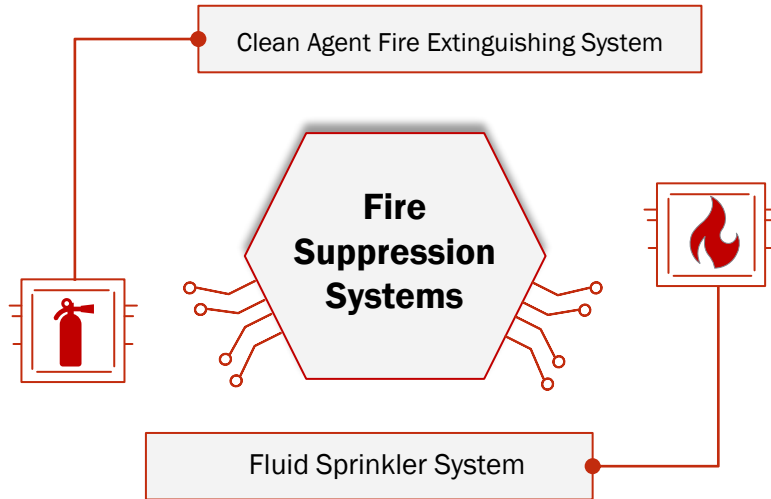
HVAC Control &
Monitoring Solutions



Air-to-Air Systems



Liquid Chillers





Electronic Access Control
Systems and Visitors
Management System



Video Surveillance CCTV,
Video Analytics, and VMS
Systems



Physical Security (Gates,
Road Blockers, Fence, Arm
Barriers, Bollards...)



10 DATA CENTER NETWORK PASSIVE INFRASTRUCTURE

01



Structure Cabling

02



Cable Management

03



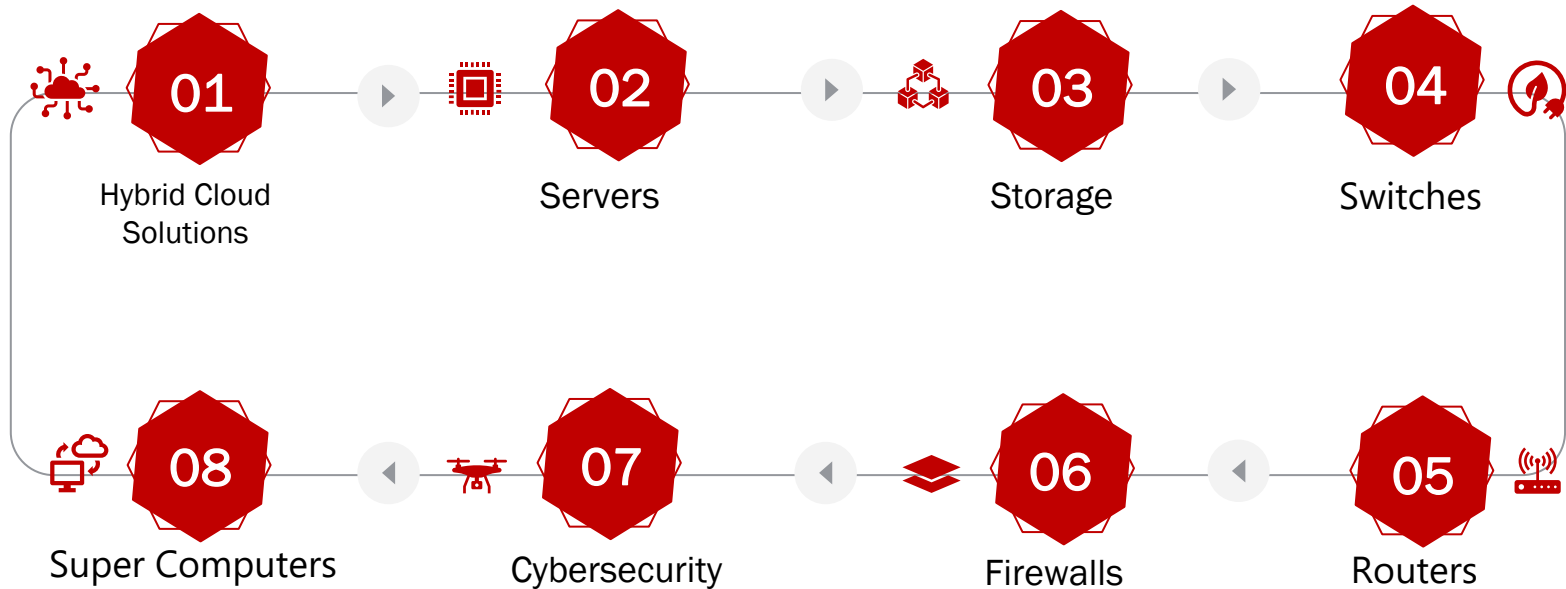
Racks & Containments

04



Floor Management

11 DATA CENTER NETWORK ACTIVE SOLUTIONS



12

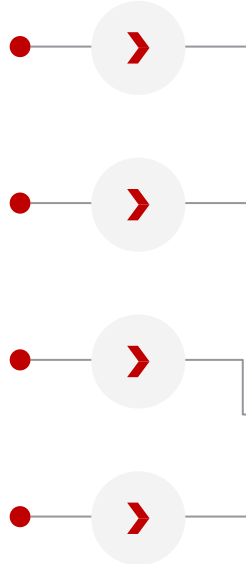
POWER SOLUTIONS



UPS System :

Designed to guarantee power continuity and power quality for commercial and industrial applications with Leading UPS brands

- Commercial UPS for standard applications
- Industrial UPS and chargers for utilities



Generators:

With a verity of options and models, ICS offers generators set from 9KVA to 4000KVA with many leading brands.



 **Perkins**







JOHN DEERE



 **GENERATORS
GHADDAR**



With higher demand on clean energy , ICS provide many solutions for a **greener** future .



Solar systems (on grid , off grid and Hybrid).



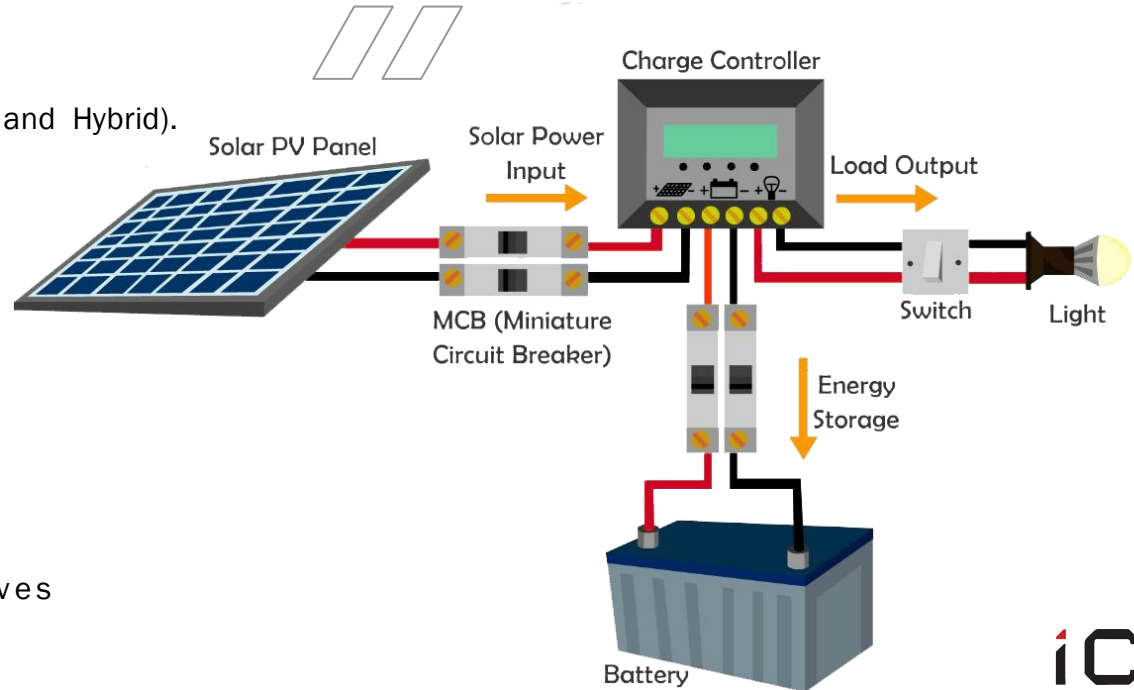
Solar Pumping.



Energy Audits.



Monitoring , Sensors , Drives



EV Chargers :

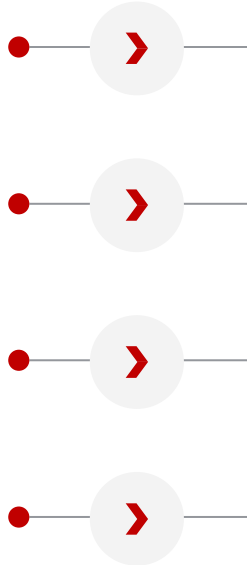
To meet future market demands and 2030 vision , our partners offers many types and rating of EV Chargers.

ABB

Schneider
Electric

EATON

legrand®



Our vision is to provide the latest technology in the field of communications in line with the vision of the development of the Kingdom of Saudi Arabia for all sectors and organizations within the Kingdom.

We realize how important it is for our services to keep pace with the requirements of cyber security and the recommendations of the Communications and Information Technology Commission (CITC).



WHAT WE DO!

**Navigation & Surveillance:**

- - Radar (MSSR/ DASR).
- - Instrument Landing System (ILS)
- - DVOR + VORTAC
- - WAS

**TELECOM SOLUTION :**

Two Way Radio(DMR – TETRA- AM Radios):

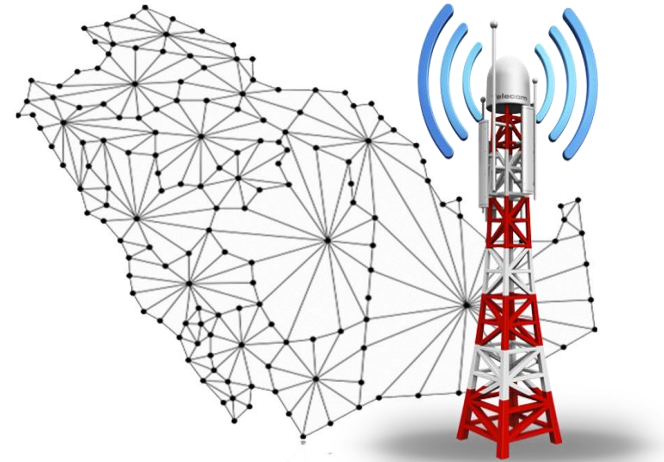
- Voice Recording Systems.
- P2P/P2M.-
- Towers.-
- VSAT.



TELECOM SOLUTIONS

Design, build, upgrade, expand, install and maintain mission-critical wireless radio communication networks, Consulting, network design and planning, integration, project management and technical support. Technical engineering, on-site.

This include supply all type of system equipment's.





DMR (DIGITAL MOBILE RADIO)

An international (Analog/Digital) radio standard developed by the European Telecommunications Standards Institute (ETSI) with modern techniques to provide:

- SHORT DATA SERVICES (SMS).
- ANALOGUE AND DIGITAL OPERATION.
- 12.5KHZ NARROWBAND CHANNELS SPACING.
- 2-SLOTS TDMA PER SEMI-DUPLEX FREQUENCY.
- GPS AND DISPATCHING.
- REGIONAL COVERAGE UP TO (250) sites .
- HIGH POWER REPEATERS.
- AVAILABLE IN DIFFERENT FREQUENCY BANDS VHF UHF, MHZ.
- INDIVIDUAL, GROUP AND ALL CALL.



DMR (Portable & Mobile Radio)

Voice only

Portable :DP1000,DP2000series

Mobile:DM1000,DM2000 Series

Voice &SMS

Portable:DP4400,DP4600,DP4800series

Mobile:DM4400,DM4600 Series

Voice &SMS&GPS

Portable:DP4401,DP4601,DP4801series

Mobile:DM4401,DM4601 Series

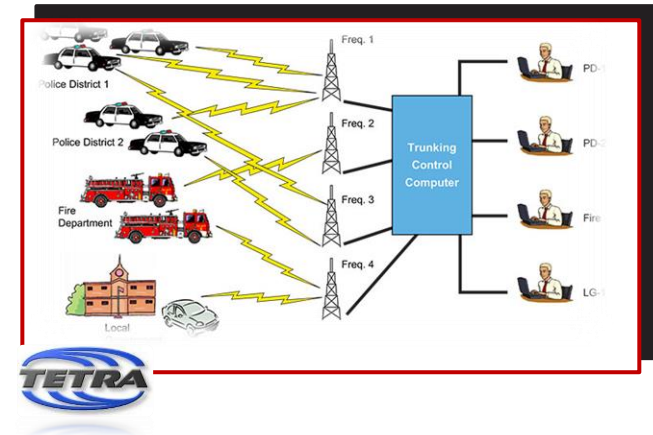




TETRA (TERRESTRIAL TRUNKED RADIO)

TETRA is a digital trunked mobile radio standard developed by ITSI to meet the unique requirements of mission critical communications of traditional Professional Mobile Radio (PMR) .

- DIGITAL OPERATION ONLY.
- 4 SLOTS PER SEMI-DUPLEX FREQUENCY.
- 25 KHZ WIDEBAND CHANNELS SPACING.
- AVAILABLE IN (350-470 & 800) MHZ FREQUENCY BAND.
- HIGHER LEVEL VOICE ENCRYPTION.
- COVERAGE SUBJECT TO SITES (MEDIUM POWER REPEATERS).
- SHORT DATA SERVICES (SMS).
- CONTROL CHANNEL.
- DIRECT MODE OPERATION (DMO).





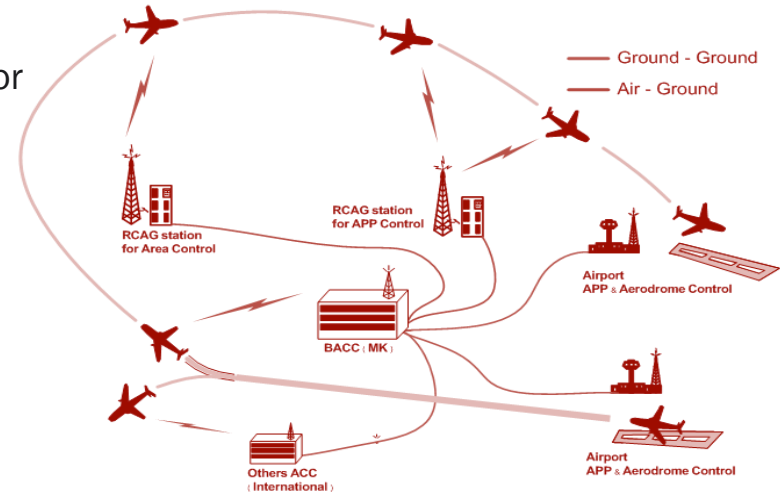
AM Radio (Air/Ground) Communication.

AM Radio (Air/Ground) Radio Communication between two or more Aircrafts or to exchange verbal information between aircraft and ATC (Air Traffic Control).

Used VHF Band for (Civil) and UHF (Military).

We provide complete line of AM Radios:

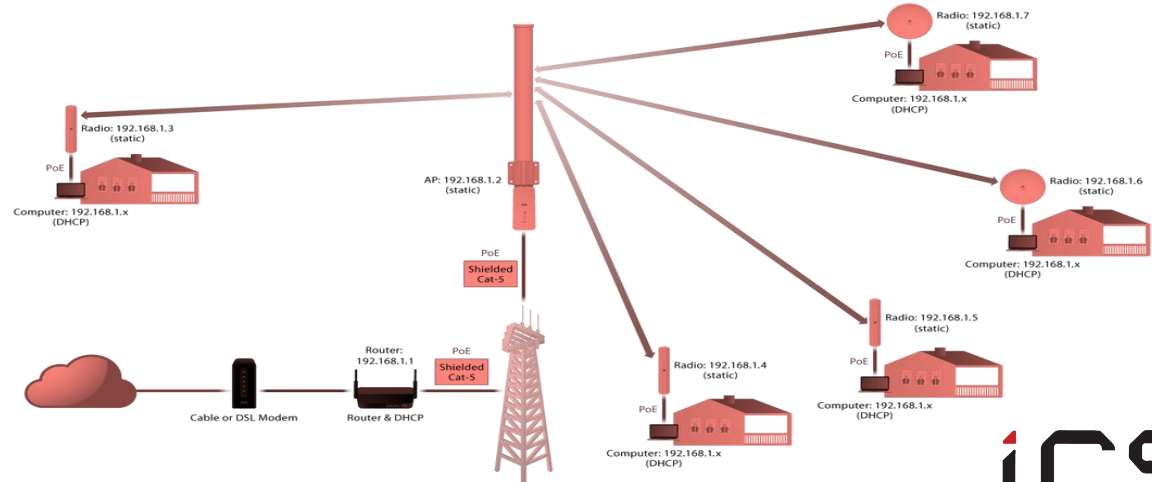
- Mobile Radios.
- Fixed Radios.
- Handheld Radios with GPS.



Microwave Link P2P & P2MP

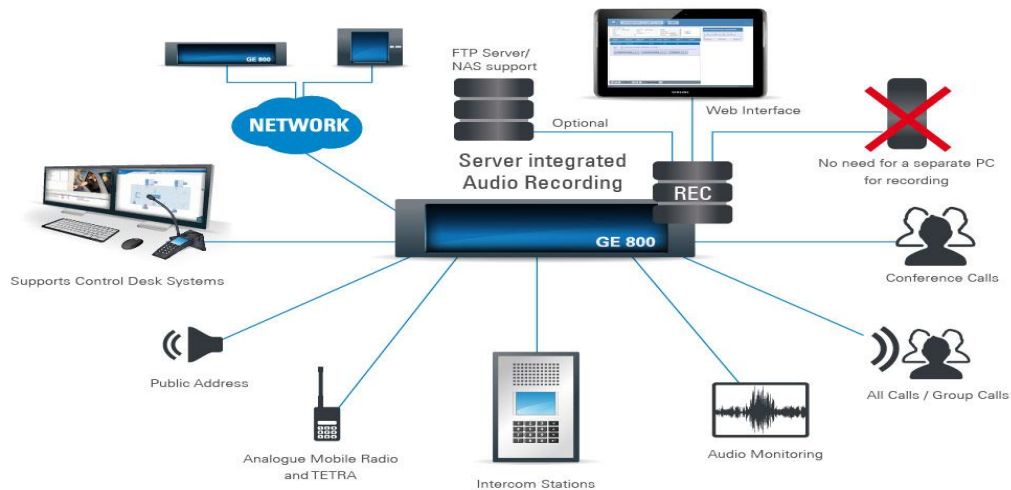
supply and installation of complete Wireless Communication Technology Link Solution from Licensed Microwave to Licensed/Unlicensed P2P and P2MP that uses high frequency beams of radio waves to provide high speed wireless connections that can send and receive voice, video, and data information, our services include:

- SITE SURVEY.
- DRIVE TEST.
- LOS (LINE OF SIGHT).
- IMPLEMENTATION.
- DESIGN.
- DOCUMENTATION.
- Operation and Maintenance



VOICE RECORDING SYSTEMS :

We supply complete voice recording system for Radio communication (Analog / Digital) VoIP and Telephone .

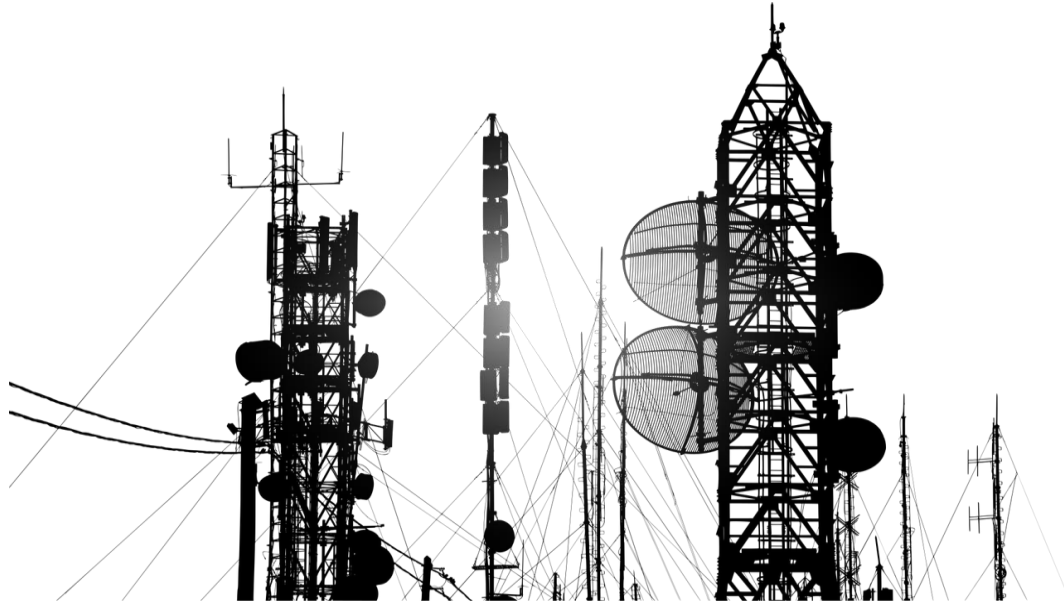




TELECOM TOWERS

SUPPLY AND INSTALLATION OF ALL TYPES OF TELECOM TOWERS :

- MONOPOLES TOWERS.
- SELF-SUPPORT TOWERS.
- GUYED TOWERS.
- TELE-SCOPIC TOWERS.
- ROOF TOP TOWERS

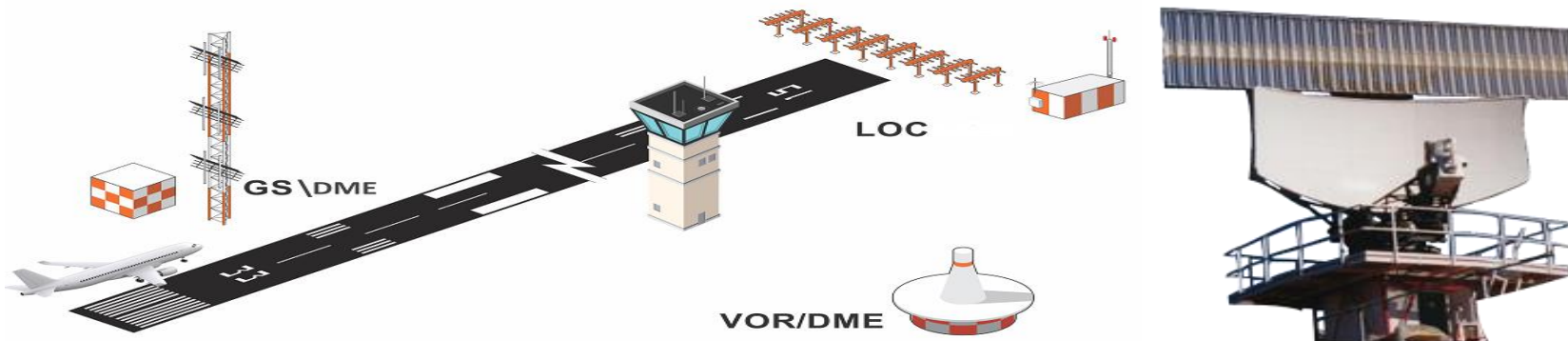




Navigation & Surveillance:

Misco has a team with unique experience in the field of Navigation & Surveillance, and previous experience that gives it leadership in this field.

The Air Force is one of our biggest client in this field.



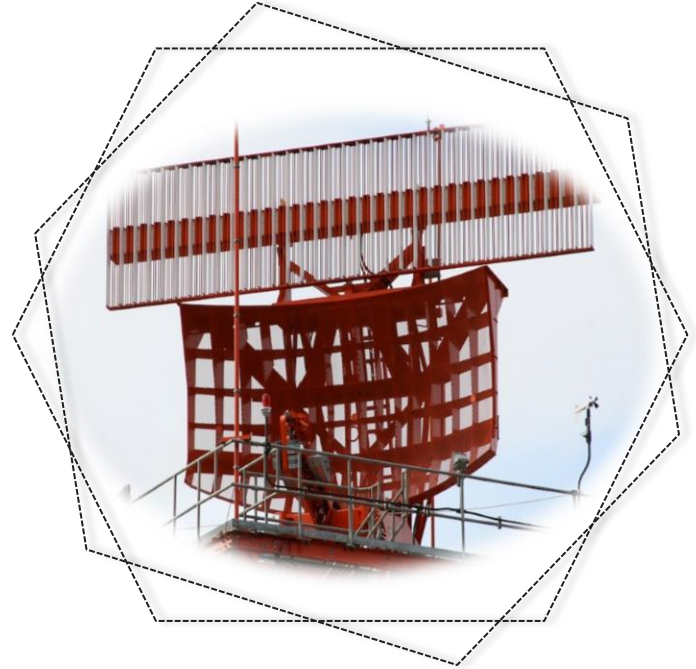
MSSR (MONOPULSE SECONDARY SURVEILLANCE RADAR)

Monopulse Secondary Surveillance Radar (Full Mode S Functionalities Stand-alone or co-mounted with a primary S-band or L-band), that gives controller total support in severe air traffic conditions.



DASR (DIGITAL AIRPORT SURVEILLANCE RADAR)

Full Dual Civil/Military next generation, most advanced and efficient S-Band Primary Surveillance Radar (PSR) System in the world, as it has a spectrum of military capabilities no civilian radar possesses, namely, the ability to detect both slow and fast moving targets such as helicopters and fighters as well as very small targets such as UAVs. It also possesses anti-jamming functions, and has the ability to provide altimetry information.



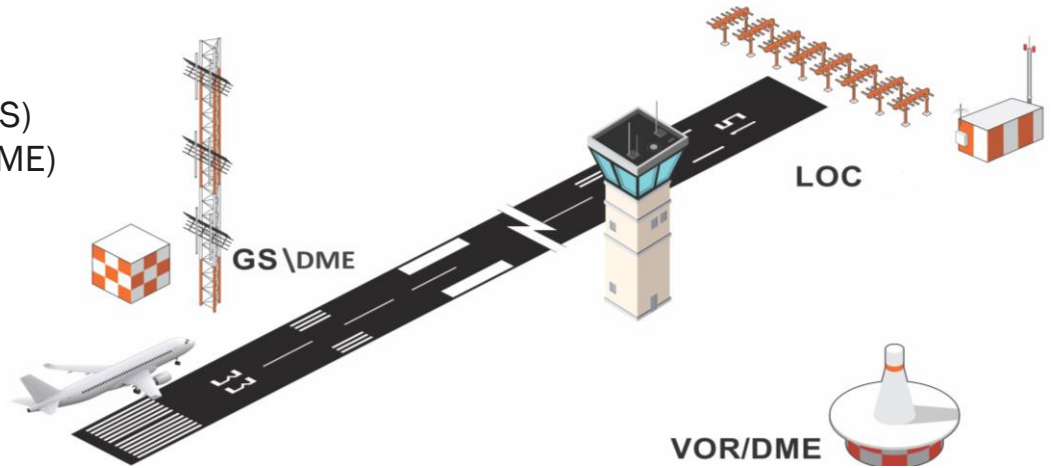


Instrument Landing System (ILS)

ILS is the principle of NAVAIDS System to Provide Safe Airport Landing with precise vertical and horizontal navigation guidance to pilots for smooth, safe approach and landing that meets or surpass the requirements of the FAA and International Civil Aviation Organization (ICAO).

ILS System consist of :

- LOCALIZER – (LOC)
- Glide Path – (GP) or Glide Slope – (GS)
- Distance Measuring Equipment – (DME)

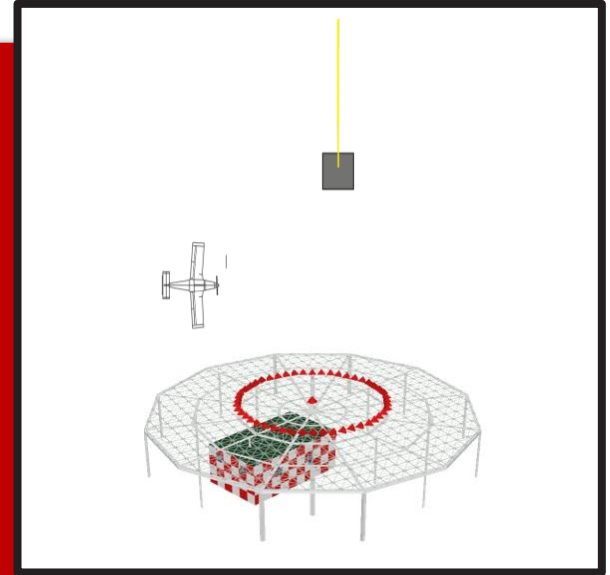




DVOR (Doppler VHF Omni Directional Range)

A DVOR (Doppler VHF Omni Directional Range) is a short/medium-range radio navigation system used to aid aircraft in determining their flight position and direction in relation to their destination using VHF (Very High Frequency) signals between 108.00 to 117.95 MHz sent from a radio beacon.

The system includes DME (Distant Measuring Equipment).



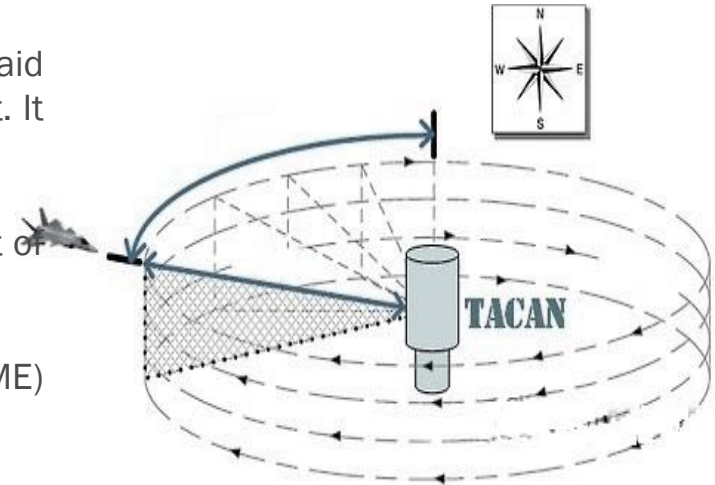


VORTAC (VOR- VHF Omni Directional Range + TACAN -TACTical Air Navigation System)

Tactical Air Navigation, a TACAN is a military navigational aid that consists of several functions amalgamated into one unit. It is available on frequencies from 960 MHz to 1215 MHz.

a TACAN is a VOR with a higher degree of accuracy than that of a conventional VOR used by civilian aircraft.

Built into the TACAN is a Distance Measuring Equipment (DME) station , A DME can be also used by civilian aircraft.





INFRASTRUCTURE

We are leaders in Infrastructure field as we are accredited & certified from TOP xxxxxxxx.

We are staffed with the highest level of multinational expertise , which allows us to extend services to our clients.

Service Portfolio.

01

Outside-Plant

- Fiber Infrastructure
- Power Infrastructure

02

Inside-Plant

03

Networking
Services

Service Delivery Dimension.

01

Design

02

Implementation

03

O&M





SAUDI ARAMCO

Our ID



10058798



N E O M



Doc33625623



SAUDI ELECTRICITY



5011974



MOBILY



13244

SAUDI
Telecommunication

5571



SALAM COMPANY



2473



إرامكو السعودية
Saudi Aramco



OSP – 80+ KM



OSP – 130+ KM



الشركة السعودية للكهرباء
Saudi Electricity Company



نقل الكهرباء
National Grid SA

OSP – 170+ KM

ISP – 4000 Node



OSP – 1000+ KM

ISP – 40,000 Nodes



OSP – 150+ KM





4 Project Managers



Project Coordinator

3 Project Coordinators



Engineer

4 Project Engineers



SITE
SUPERVISOR

8 Site Supervisors

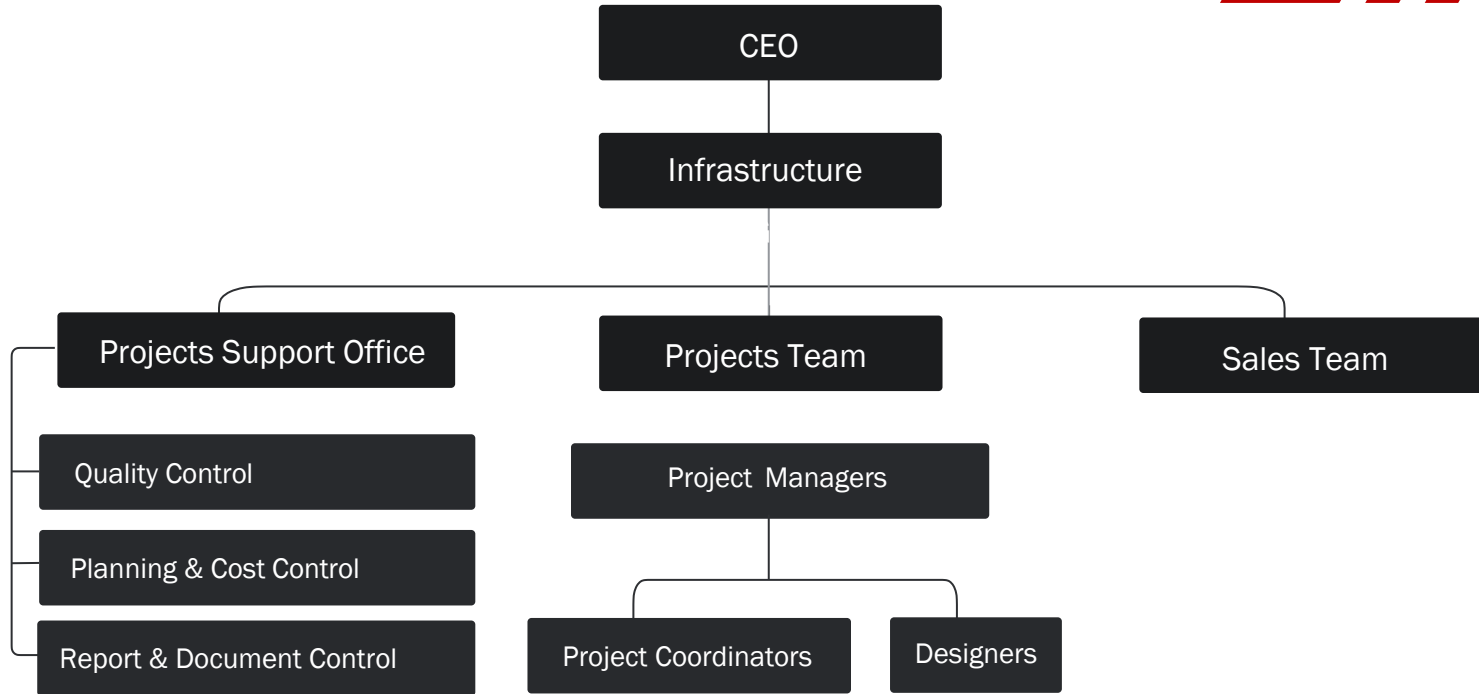


40 Technicians



20+ Machineries





01**Design****02****Implementation****03****O&M**

- 1200+ Cameras
- 160+ KM Fiber Optics
- 70+ KM Power Cabling
- 5 Integration with 5 Power Stations
- 1 Data Center
- 8 Communication Rooms
- 1 Control Room
- 2 Years of O&M



38

Project Score Card

One of The Projects



DOCUMENTS SYSTEM

TRUST
LIABILITY
TRANSPARENCY





The aim of the project :

- Reducing the level of crime, raising the efficiency of security control, raising the level of sense of security among citizens and residents.
- Accelerate the arrest and identification of criminals.
- Enabling the community to obtain high-quality services.
- Equipping vehicles and electronic gates with the latest technology.
- Enhancing the transparency and responsibility of security personnel and raising the efficiency of performance.

Project scope:

- Equipping vehicles with modern security technology.
- Harnessing video analysis technology and artificial intelligence in security monitoring.
- Expanding the coverage of surveillance cameras.
- Equipping operating rooms with modern technology that contributes to achieving security.





38

Project Score Card

One of The Projects



Components of the project

M	The Description	The Number
1	Vehicle surveillance camera system	1000
2	Body cameras for security men (Body Worn Camera)	1500
3	Archiving and starting centers	41



Project Score Card

One of The Projects

Documenting security events for vehicles and field workers.



Camera documenting
events for individuals
(Body Cam)



Encrypted
VPN



LTE



GPS
Tracking



WIFI



Built-in device for the vehicle
with a changer that supports
WIFI / LTE+ tracking system
and locate(GPS TRACKING)

Fixed cameras
Day night
Number3

display screen

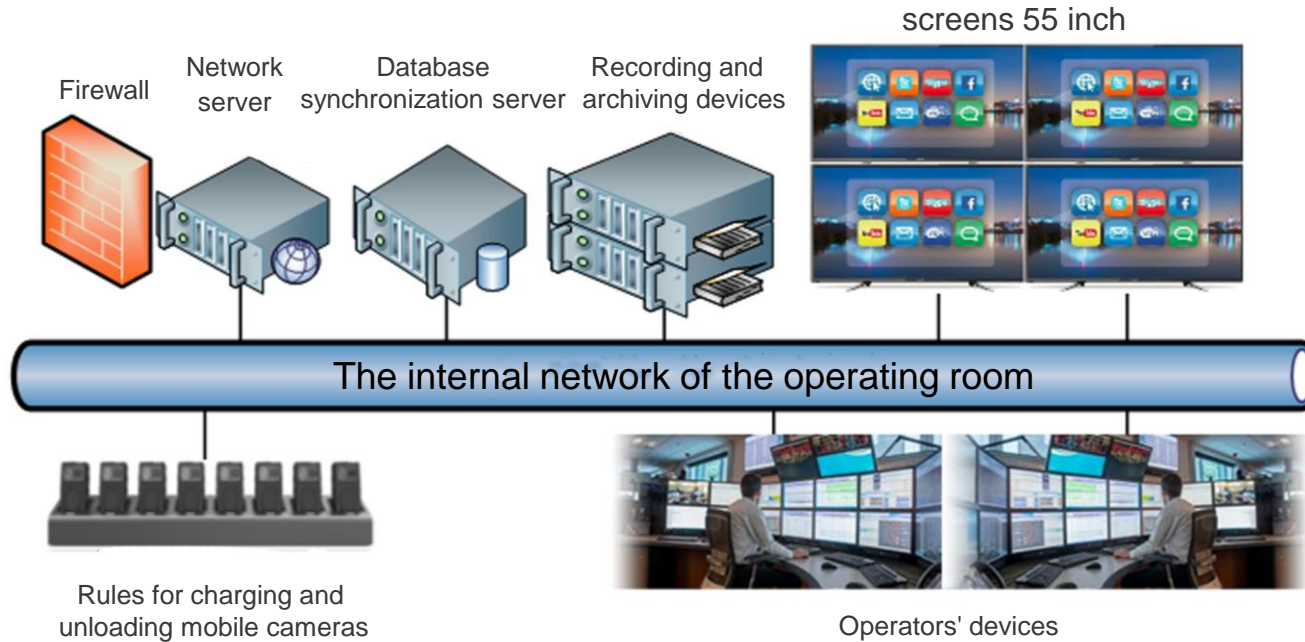


38

Project Score Card

One of The Projects

Components of staging and archiving centers.





Physical Access Control
Systems and Visitors
Management System



Video Surveillance CCTV,
AI Analytics, and VMS
Systems



Physical Security (Smart
Gates, Road Blockers, Fence,
Arm Barriers, Bollards...)

01



OT/ICS Cybersecurity Solutions.

02



IT Cybersecurity Solutions.

03



OT/IT Cybersecurity Services.



OT/ICS
NG-Firewalls, IPS & Gateway

OT/ICS Data Protection

OT/ICS
Endpoint Protection

OT/ICS
Patch Management

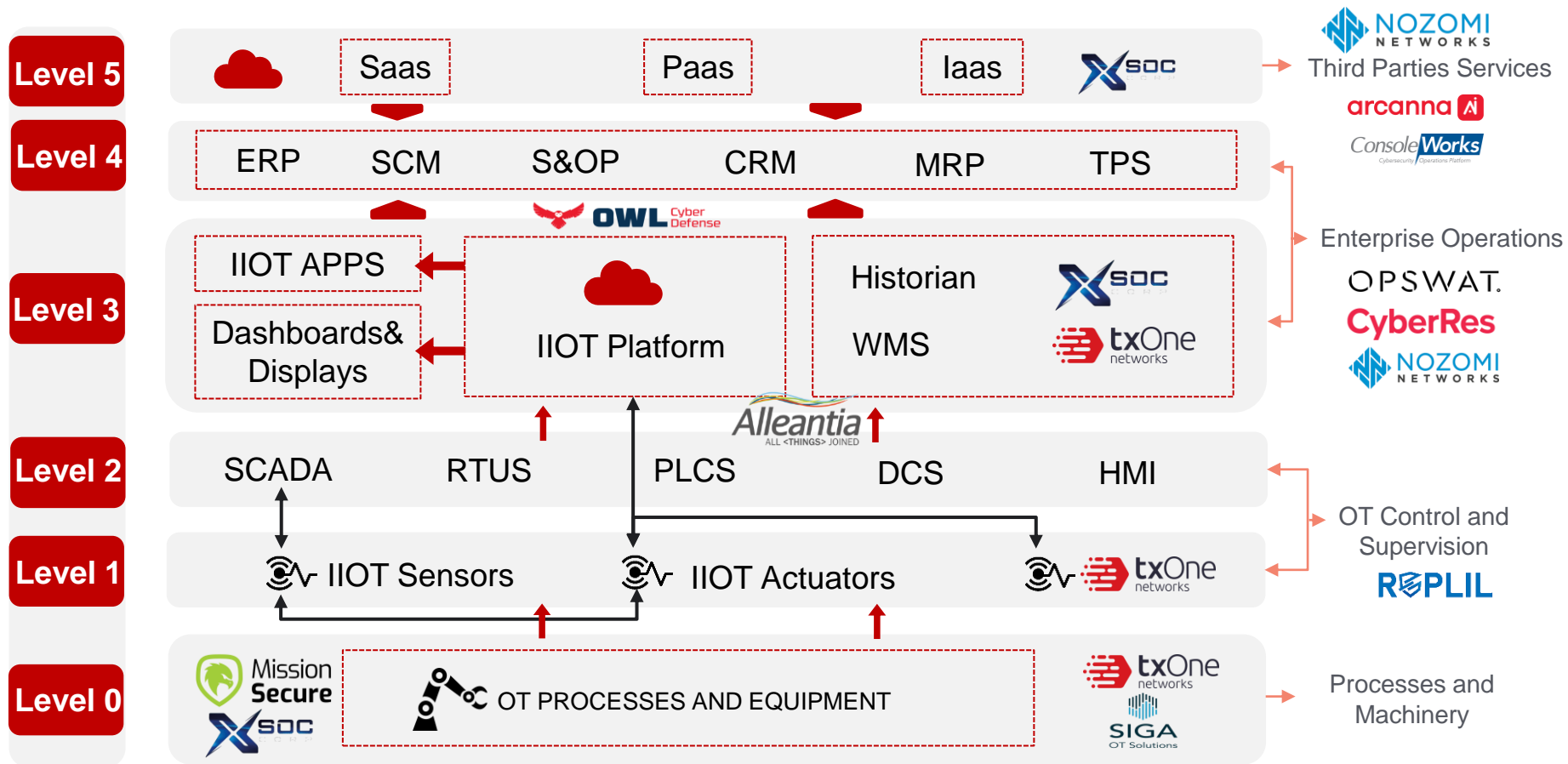
OT/ICS
Asset Discovery & Management

OT/ICS
SIEM & Threat Management

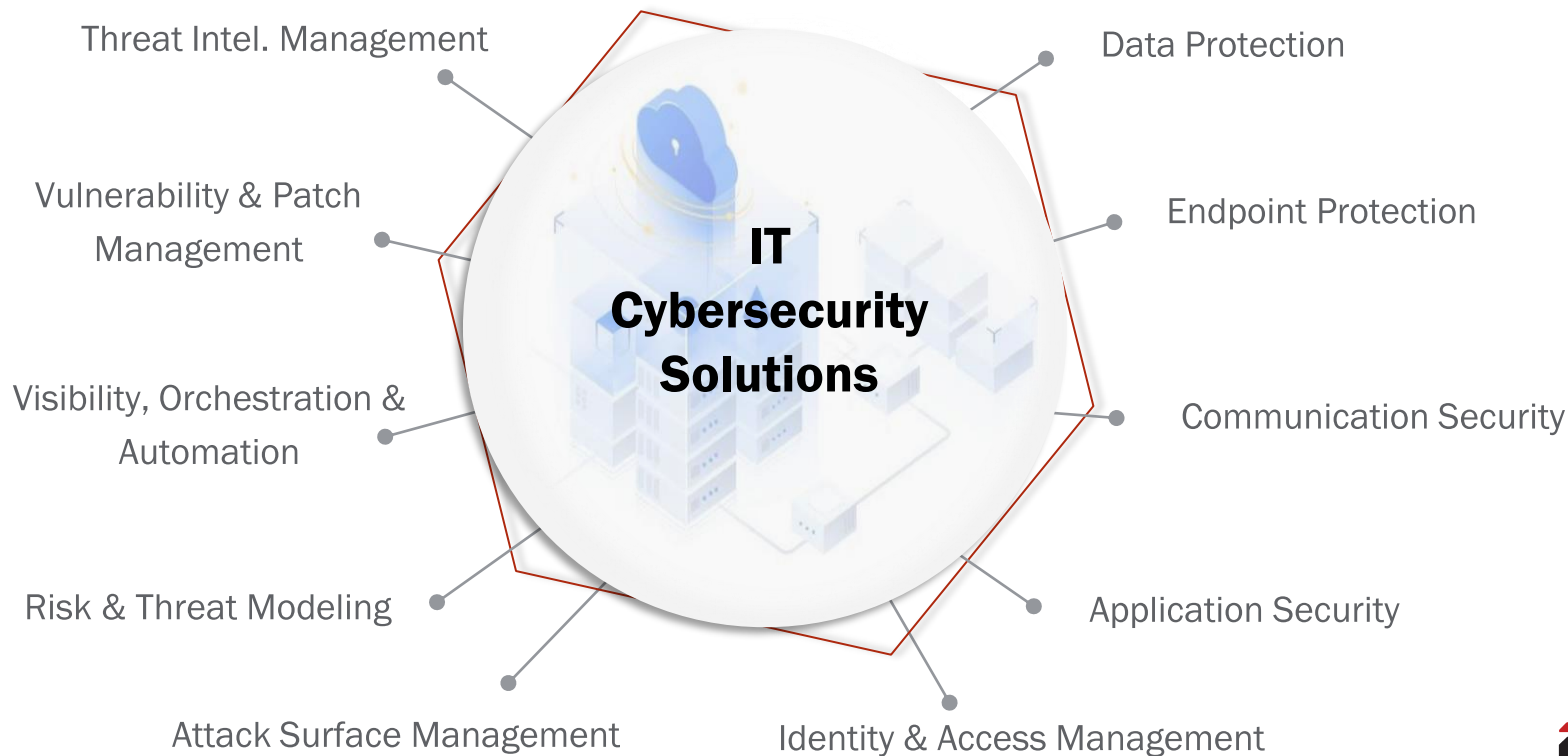
OT/ICS
Cybersecurity Solutions.

Unidirectional Networks
& Data Diodes

Level Zero Monitoring & Analysis



ENISA Revised Purdue Model









وزارة المالية
Ministry of Finance



وزارة التعليم
Ministry of Education



هيئة السوق المالية
Capital Market Authority



stc

سمه
SIMAH



جامعة الأميرة نورة بنت عبد الرحمن
Princess Nourah Bint Abdulrahman University



الهيئة
السعودية
للسياحة
SAUDI
TOURISM
AUTHORITY



بنك الرياض
riyad bank



الكلية التقنية بالرياض
Riyadh College of Technology

NCB الأهلي



الهيئة العامة للنقل
TRANSPORT GENERAL AUTHORITY



الاتصالات المتكاملة
INTEGRATED TELECOM

المواصفات السعودية
Saudi Standards



EMIRCOM
Progress Transformation



جامعة
الملك سعود
King Saud University



بن دايل
BIN DAYEL
للمقاولات CONTRACTING





نيوم NEOM





المدفوعات السعودية
SAUDI PAYMENTS



البنك السعودي للاستثمار
The Saudi Investment Bank



جامعة تبوك
University of Tabuk



مطارات الرياض
riyadh airports



جامعة شقراء
Shaqra University



مدن
MODON



جامعة جدة

مجموعة بن لادن السعودية
SAUDI BINLADIN GROUP
التشغيل والصيانة
OPERATION & MAINTENANCE



الشركة السعودية للنقل الجماعي



شركة تطوير للخدمات التعليمية
TATWEER CO. FOR EDUCATIONAL SERVICES



المملكة العربية السعودية
الوزارة
المركزة



كفالة



NCAI
المركز الوطني
للذكاء الاصطناعي
National Center for AI



نيسما للاتصالات والتقنية
NESMA TELECOM & TECHNOLOGY



Al Athar Global Consulting, Inc.



أمانة الطائف
TAIF MUNICIPALITY



جامعة خفر الباطن
University of Hafr Al Batin



برامج التعاملات الإلكترونية الحكومية
E-GOVERNMENT PROGRAM



MSD KEIR









مصرف الإنماء
alinma bank



جامعة الملك عبد الله
للعلوم والتقنية
King Abdullah University of
Science and Technology



الهيئة العامة للزكاة والدخل
General Authority of Zakat & Tax



المؤسسة العامة للتأمينات الاجتماعية
General Organization for Social Insurance



Human Resources and
Social Development

DETASAD



وزارة الاتصالات
والمعلومات
MINISTRY OF COMMUNICATIONS
AND INFORMATION TECHNOLOGY



ABV ROCK GROUP LTD



جامعة المجمعة
Majmaah University



AL DAFE TRADING & CONTRACTING CO



هيئة الاتصالات وتقنية المعلومات
Communications & Information
Technology Commission



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中国通信服务
CHINA COMSERVICE



جامعة الإمام عبد الرحمن بن فيصل
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY



كلية الملك فهد الأمنية
KING FAHD SECURITY COLLEGE



جامعة القصيم
Qassim University



الجامعة الإسلامية
ISLAMIC UNIVERSITY OF MADINAH



Al-Bustan
Village





الهيئة العامة للصناعات العسكرية
General Authority for Military Industries



الهيئة العامة للطيران المدني
General Authority of Civil Aviation



SDAIA
الهيئة السعودية للبيانات
والذكاء الاصطناعي
Saudi Data & AI Authority

الهيئة العامة للغذاء والدواء
Saudi Food & Drug Authority



وزارة النقل والخدمات اللوجستية
Ministry of Transport and Logistic Services



الجامعة السعودية الإلكترونية
SAUDI ELECTRONIC UNIVERSITY
2011-1432



المؤسسة العامة
للصناعات العسكرية

المؤسسة العامة للري
Saudi Irrigation Organization
المملكة العربية السعودية



جامعة الجوف
Jouf University



جامعة المستقبل
Mustaqbal University





DELL EMC

FIRE EYE™

TREND
MICROCOELMO
GENERATORS

ORACLE® KEYMILE

CISCO™



Microsoft

vmware®

Infoblox®



legrand®

HiRef
Innovators above
the standardsap=ec
applied security

sanako

extreme
networks™

HUAWEI

3M



AccessData®





Integrated Computer Systems



info@ics.sa



Sales@ics.sa

