ACC COMPANY PROFILE









ACC JOURNEY



ACC was established in 1960 as a leading provider for a diversified portfolio of solutions and services in the fields of Digital Transformation, Telecommunications, Information Technology & Fire Fighting

Dominated laying of fiber cabling business allover Kuwait and became certified by ministry of communication as the main service provider ACC gained the trust of DGCA and in the Airport since the inception of microwave and IP-MPLS implementation. Also, established Prozone subsidiary, to be one of the top leaders in IBM-Maximo implementing many projects for Oil & Gas K-Companies

Digital
transformation ear
was the main
interest in the
Kuwait market and
ACC won the top
project in Kuwait
with KNG "Paperless
Office" mega
project

1960

1990

1995

2000

2005

2010

2015

2020

Revamp the business after Iraq invasion to become the leading company in the Fire Fighting, Fire Alarm, Security and Information and Communication technology

ACC led the communication business in Kuwait through Radio station implementation. Also, developed in-house a navigation systems and meteorology for Kuwait Port Authority.

ACC devoted at a lot of efforts to acquire its leading seat as business solution provider through implementation of Oracle E-Business Suite in many corporates starting with Oracle.

ISO 9001

Became one of the top leading system integrators in Kuwait delivering mega projects for government, oil & gas and as well as well as many corporates. Then began new branding of the company as Global System Integrator in MEA

ISO 27001/20000/45001/14001

ACC AT GLANCE





- ACC has 150+ professional staff members and engineers
- ACC acquired ISO certifications (9001, 14001, 20000-1, 27001 & 45001) to benchmark best of bread delivery and total quality of services
- Certified from CITRA as Outside Service Provider/contractor for Fiber Optic Cables
- Certified from CITRA for wireless devices / radio trading and services
- Certified from Ministry of Commerce and Industry for Security Systems services

MESSAGE FROM ACC CHAIRMAN





As we step into a new year, I am filled with pride and gratitude as I reflect on the remarkable journey of ACC, a journey that has spanned more than six decades of technological evolution, innovation, and unwavering commitment to excellence.

Over the years, we have witnessed unprecedented changes in the ICT landscape, from the advent of personal computing to the era of the Internet and the transformative power of artificial intelligence.

To our customers, thank you for entrusting us with your technological needs. To our partners, thank you for your collaboration and shared vision. To our team, thank you for your dedication and tireless efforts.

As we embark on another chapter in our storied history, let us embrace the future with optimism, creativity, and a collective determination to make a lasting impact. Here's to the next sixty years of innovation, growth, and success.

Warm regards,

Ezzat Ezzat Jaafar Chairman ACC 1960

ACC EXECUTIVES TEAM







Eng. Abdulrahem is a business enabler with 24 + years of experience growing businesses in GCC region for many international technology providers



COO Fire

Eng. Abdul Hamid the leader for Fire Division has 30+ years of experience both in commercial and project domains of Fire Fighting, Fire Alarm and Security Systems



COO ICT

Eng. Wahid Selman is the ICT Division Head with 28+ years of extensive experience in communication leading the ICT division with records of success in delivering mega projects.



CFO/DCEO

Dr. Sameer has 26+ years of mixed experience in private sector finance at senior and executive level, and academic field



CEO

Eng. Hassan Abdel Razek is an automation innovator and strategist with 35+ years of extensive and diversified experience in leading business initiatives and revenue centers.



Chairman

Mr. Ezzat E. M
Jaafar, Chairman
and partner of
ACC, he is
responsible for
leading the overall
operations and
setting the strategy
of the company,
assuring
profitability and
continuous growth.

ABOUT ACC





- Technology Partner with most of telecom and communication vendors such as Cisco, Huawei, ZTE, TCI, ICOM, SIAE, and more.
- IBM, SAP, Oracle and Microsoft Partner for business solution software including professional service and licenses delivery.
- First Grade Contractor accredited from KFF for Fire Fighting and Fire Alarm Systems and Leading provider for refilling services with UL listed facility for HFC 125 - HFC 227
- Certified installers for BICSI (Building Industry Consulting Service International)







TO BE A TOP LEADING GLOBAL SYSTEM INTEGRATOR IN MIDDLE EAST & AFRICA



MISSION



- Dedicated to deliver high quality services & end-toend business solutions.
- Committed to provide excellent value to our customers' business to sustain profit & business growth.
- To be impartial & innovative advisory services provider for the best interest of our customers.
- To deliver value added services through our experts to relieve our customers headache and help them to focus on business strategies

ACC CREDENTIALS SAMPLE













ISO 20000-1:2018

ISO 27001:2013

ISO 45001:2018

ISO 14001:2015

ISO 9001

ACC BUSINESS DIVISIONS





The division has main four sections:

- **Telecommunication**
- Data Center & Passive Network
- Low Voltage & Active Network
- High Tech. Niche Solutions

Digital Transformation \Box



ACC delivers turnkey business solutions automating all process areas through 16 domains of digital transformation for our customers' business



Fire Services Division

ACC's Fire Division is lied by the Kuwait Fire Force (KFF) to provide fire protection services such as drawing designs, supply, installation, testing and maintenance of fire protection equipment and fire alarm systems



Cyber Security

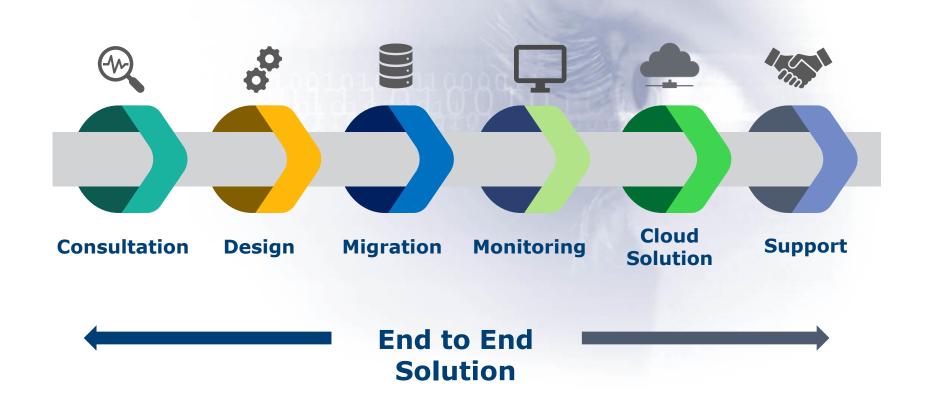
The division is focused on Smart cities, smart nations, internet of things, machine learning and artificial intelligence all inclusive in our practice in EM division



ACC BUSINESS DIVISIONS



A Certified expert understand your organisation's ICT/ Digital Transformation/ Cybersecurity/ Fire Fighting Service and can help you with your digital transformation objective to design, build, deploy and manage your digital Platform.





ICT Division

Products, Services as Value Added Partner

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TELECOM & SECURITY MAJOR ACTIVITIES



Professional Services: Consultancy, Design, Project Management, Implementation, Operations, Support and Provides Turnkey Telecom Networks solutions for:

Telecommunication Networks

Monitoring, Security & Navigation

Systems Data Networks

Mobile Networks

Broadcasting

Systems Telecom

Infrastructure

Microwave & Fiber Optical

Transmission Voice & Video IP-

Telephony

Active & Passive Cable Management

Systems Network Management &

Operation Systems

INTEGRATED SECURITY SYSTEMS ACTIVITIES



CCTV Systems

Access Control Systems

Under Vehicle Scanning

Systems Intrusion Alarm

Systems

Road Barricade System

Turnstile

Screening Equipment

Intelligent Building Management Systems



HIGH TECH. SPECIALIZED SOLUTIONS



Turnkey Integrated Security solutions for:

Radio Frequency Monitoring & DF Centers

Radio Frequency Management
Fixed & Mobile Command

Centers Port Observation

Tower systems CSS, VTS, VTMS,

and ISPS

ARPA-Radars, Chart Plotters, AIS

GMDSS, SAR, GPS, Sonar, Sounders

Oceanography & Meteorology

sensors

Telemetry & Display Systems

Security, CCTV, NVR, and Monitoring Center



DATA NETWORKS



Local Area Networks (LAN)

Wide Area Networks (WAN)

Metropolitan Area Network (MAN)

Multiprotocol Label Switching (MPLS)

Management Systems

WiFi, Meshed-WiFi, WiMAX...etc.

Data Center Infrastructure



MOBILE NETWORKS



Cellular & WLL based on CDMA, WCDMA, VHF, UHF...etc

Private Trunked Mobile Radio Network based on Tetra, SmarTrunk, IPT 1327...etc.

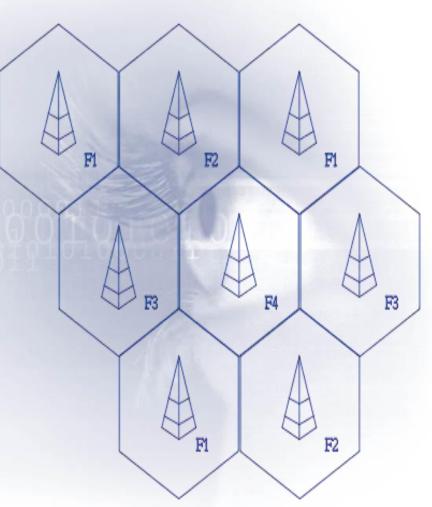
Under Vehicle Scanning
Systems Conventional Radio
Network

Dispatching Systems

Network Planning Systems

Network Management Systems

Antennas & Distribution & Management



BROADCASTING SYSTEMS



Digital Audio Broadcasting & Digital Video Broadcasting-T

Transport Encoders, Decoders, Multiplexers....

Signal Processing, Routing, &

Distribution Multi-Viewers

Digital Satellite News Gathering (DSNG)

IP-TV

Loggers & Archiving

Management

Systems

OUR DELIVERY DOMAINS (ICT)





Our Delivery Domains (DC & Communications)







































OUR DELIVERY DOMAINS (LOW VOLTAGE)





































Fire Division

Products, Services and Value-Added Partnership



FIRE DIVISION

- ACC is the main provider for all Ministries, the Kuwait Fire Force (KFF) as well as Kuwaiti Oil & Gas K-Companies for a comprehensive range of fire protection solutions and services.
- Our offering of the top international fire products and equipment's maintained our leadership in preventative, and emergency response services for longstanding clients that benchmarked the highest retention in ACC.
- ACC's Fire Division is accredited by the Kuwait Fire Force (KFF) to provide fire protection services
- We deliver full range of professional services like drawing / designs, supply, installation, testing and maintenance of fire protection equipment and fire alarm systems, portable extinguishers that fits all customers

OUR DELIVERY DOMAINS (FIRE FIGHTING & FIRE ALARM)



Our Delivery Domains (Fire Fighting & Fire Alarm)

















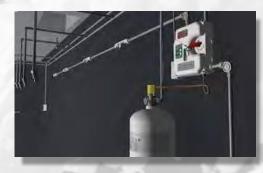




Portable and Mobile Fire Extinguishers



Foam Systems



Kitchen Hood Fire Suppression Systems



Tanks Protection





Fire Hydrants



MONNEX Dry Powder Supply

Foam Monitors



Water Deluge Systems





Sprinkler Systems

NAF S 125 & 227 Clean Agent Fire Suppression Systems



Foam Concentrate Supply



Fire Pumps





Fire Detection & Alarm System



FM200, Novec 1230 System



Inert Gas Fire Suppression Systems



Valve & Equipment for Fire Suppression System





Bracket Style



Joining Pipe Solutions



Inert Gas Fire Suppression Systems



Valve & Equipment for Fire Suppression System





Digital Transformation & Business Automation

WHAT DIGITAL TRANSFORMATION IS ALL ABOUT?

What Digital Transformation is All About?

- A <u>shift in mindset</u> that encourages everyone to embrace change and break habits.
- Establishing strong <u>cultures</u> that are adopted by employees and leadership alike.
- The <u>capability</u> to think deeply, ask pertinent questions, and find solutions.
- Letting technology <u>highlights</u> employee expertise and <u>drive</u> constant innovation.
- An approach that helps continually <u>improve</u> processes and <u>maximize</u> productivity.
- Being able to <u>evolve</u> with the landscape, understand <u>customers</u>, and drive <u>value</u>.





MEASURE OUTCOMES THROUGH KPIS

Digital Transformation Must:

- Generate the necessary synergies within the government for best utilization of the intellectual capital existing in different institutions.
- Take advantage of the efforts and resources available.
- Design a common strategy for digital transformation based on ICTs and focused on the provision of public services with the citizen at the center (4300 Gov. Services).
- Involve decision-making bodies at the highest level.
- Appropriately regulate the governance structure and institutional framework for digital transformation.

Digital Transformation KPIs

- Usage Metrics (Internal & External)
- Productivity (Internal Process Quality)
- Cost, Investment & ROI
- User Experience (Improvement)
- Citizens experience (Satisfaction)
- Digital Adoption (Institutes)
- Performance

ACC DT DELIVERY DOMAINS



Big Data

Digital Marketing

Internet of Things

Drones

Cybersecurity

Cloud Computing

Robotic Process Automation

API Based Integration

Blockchain

AI & ML

Robots

Digital Twin

Additive Manufacturing

Private 5G / Starlink

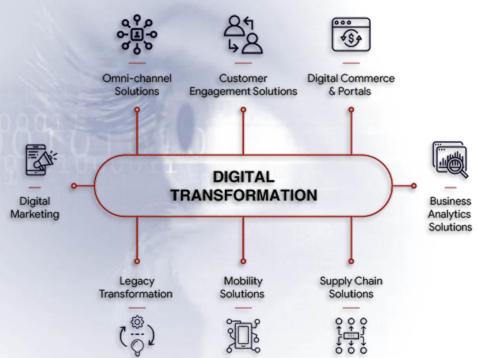
Augmented Reality

Virtual Reality

ACC DT PROFESSIONAL SERVICES

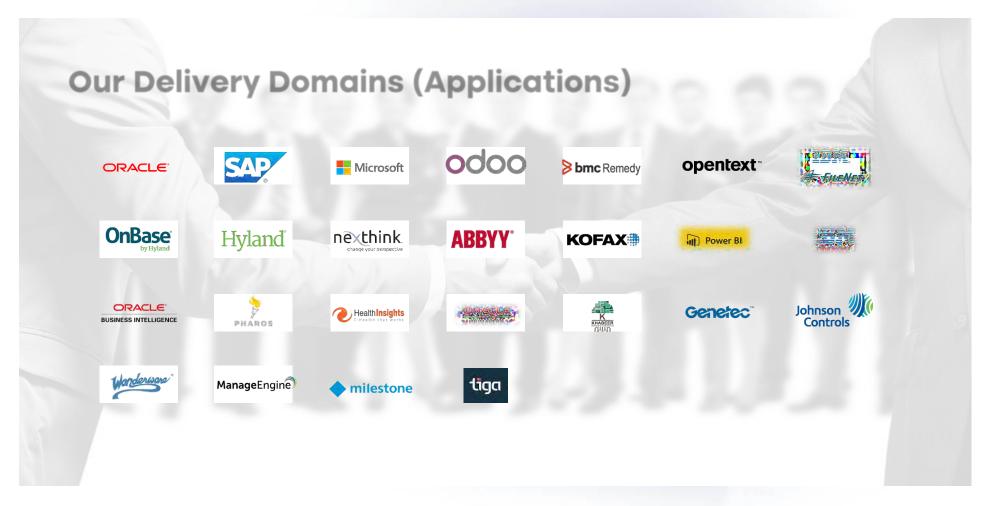


- ACC services portfolio for customers' digital transformation journey:
 - Orientation: Discover & Educate
 - People: Study Stockholders Impact & Influence
 - Process: Study & Automate
 - Objectives: Define Digital Trans. Strategy
 - Structure: Build Digital Trans. Roadmap
 - Insight & Intent: Value Engineering per industry
 - Technology: Design Architecture & Provide
 - Execution: Implement, Train & Maintain
 - IT Commodities: All classical IT customers' needs



OUR DELIVERY DOMAINS (APPLICATIONS)







Cyber Security



ACC'S CYBER DEFENSE CENTER





SYSTEM
MONITORING
& TESTING

24x7 monitoring of devices, systems, applications and endpoints and the ability to detect and analyze threats with data analytics and testing



EVENTS /
INCIDENT
HANDLING

Leverage collective experience of centralized pool of resources to mitigate threats and reduce time-toresolution



REPORTING & DASHBOARDS

Client will have a centralized view of threats and events affecting the Client through customized dashboards



SERVICE DELIVERY



SERVICE LEVEL MANAGEMENT Describing the services, documenting the service level targets, and specifies the responsibilities of the KNG and measuring and reporting them



AUDITS /
INDEPENDENT
REVIEWS

Faster compliance to local and international security monitoring regulations



CONTINUOUS IMPROVEMENT

Continually align and realign the services to the changing Clients needs by identifying and implementing improvements

OUR DELIVERY DOMAINS (CYBERSECURITY)





Secureworks



































ACC References & Projects

Sample of Project Delivered by ACC



SOME OF OUR CLIENTS (GOVERNMENT)











































SOME OF OUR CLIENTS (GOVERNMENT)











































SOME OF OUR CLIENTS (CONTRACTORS)











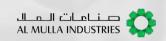
































SOME OF OUR CLIENTS (CONTRACTORS)





SOME OF OUR CLIENTS (PRIVATE SECTOR)





SOME OF OUR CLIENTS (PRIVATE SECTOR)









ACC Projects Sample

Some of ACC Mega Projects



KUWAIT AIRPORT DATA INTERCHANGE NETWORK (IP-MPLS)

IP-MPLS & LAN Network:

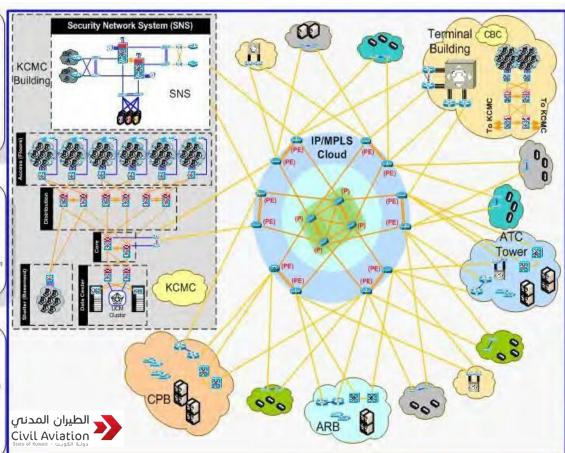
- . LAN / WAN Access, Telephony, and Security
- . LAN/ WAN connectivity to Airport systems. Operators
- · WAN Interfacing to Airport Technical Systems i.e Radars, ATM, ATS...
- · Network & Security Management Centers to New Network (NOC)
- · Airport Technical Systems Alarming on NOC
- · Cable Management Center
- · Inside & Outside Cables Plant

IP-MPLS Core Network:

- · 4 Fully redundant Core Nodes linked via OFC . 12 Fully redundant Edge (Distribution) Nodes
- linked via OFC
- 100 Dual Access Nodes linked via OFC
- · Dual Redundant IP-MPLS Management System
- · Test & Development System

KCMC LAN:

- · 4 Core Switches linked via OFC
- · 10 Distribution Switches linked to OFC
- 50 x 48 Port Access Switches & 80 WLAN AP
- Dual fully redundant IP-Phone PBX, 2550 IP Phones, 810 Ex/WP Phones.
- · Interface to Existing PBX and MoC
- · Fully equipped redundant SNS
- · Management System .



Provisioning, Control, & Monitoring Management;

- · Main and B/U Management Operations Rooms - NOC centralizing;
- . NMS for LAN WLAN, IP-PBX, UPS.
- CNMS Operators for all above new NMS/
- EMS & existing Airport Technical Systems
- · SNMS Operators for all Security systems
- . Passive & Active Cable Management. Operations Room

Indoor Cable Plant Composed of:

- 100km 4 core MM OFC
- 20km 24 core MM OFC
- . 10km 48 core MM OFC
- · 200km CAT6 UTP
- . 10km 50 pair CAT6 UPT
- . 3000 Dual Port Outlets • Copper and Optical Patch & Termination Panels

Outdoor Cable Plant (OSP) Composed of;

- 200km 96 core SM OFC
- · 40km 24 core SM OFC
- . 20km 12 core SM OFC
- · 60km Trench route
- 12km 4 Way Subducts
- 30km Four way pipes
- · 26km Six way pipes
- 75km 100mm PVC ducts
- . Numerous HH and MH
- · Numerous Optical Patch & Termination Panels

KUWAIT AIRPORT DATA INTERCHANGE NETWORK (IP-MPLS)



KADIN-1/2

- Scope of work includes site Management, field survey, design, installation testing and commissioning under the supervision of Leonardo Engineers of the complete Kuwait Airport Data Interchange Network (KADIN), which Project Administration, CMS, Penetration Testing, Application Interfacing HW, Cisco Training Logistics, Network Sync Equipment, test Equipment, Electrical Telephone Explosion & Weatherproof, Furniture & Console.
- Main Scope
 - Data transfer and communication devices
 - Communication and information transfer systems
 - IP-MPLS Core, Edge, and CPE Access Network.
 - LAN / WAN
 - · Networking cabling
 - · KCMC LAN, Wifi, iPBX, DNS & DHCP servers
 - Transition of Airport Applications to the IP-MPLS Network
 - Computer room preparation and cablings
 - · Main and Backup Data Centers
 - Communications Management Centre and Communications Back Up Centre



- Outside Fiber Optic & Civil Work Plant across the Airport and Runways
- Inside Fiber Optic & Civil Work Plant for Sites
- Network Admin, capacity management and performance monitoring and load follow up
- Main & Backup Umbrella Management Centers (NoC)
- Network Management Systems
- Cable Management System
- Information security and privacy
- Security & privacy software
- Monitoring and control systems
- Intrusion detection systems
- SNS Block and Security Network System (Firewalls etc.)
- Power Systems
- General basic training, Specific training, Supportive training

MOD - ACC / TOA





CSS and Communications Equipment - Installation, Integration, Configuration, Testing, Commissioning, As-built, OMSI, Training etc. for following Sub-systems;

ACC as local agent of Leonardo S.p.A, has embarked on a new project which consists of the following:

- G33 PSR Reflector Antenna with a top mounted ALE-9 MSSR Antenna
- CSS Coastal Surveillance System
- CIP Software Application (CIP Critical Infrastructure Protection)
- Tactical Radar System (Antenna, ACU, Transceivers, Waveguides)
- Long / Short Range Camera
- Thermal Sensors
- AIS Base Station Transponder
- Audio / Video Recording Servers
- Bridge Consoles
- METEO Weather Station
- GMDSS System
- HF Radios / Maritime VHF

- Aeronautical VHF/UHF
- Tetra Radios
- Multiband Networking Manpack Radio
- HF Software Defined Radio
- Wideband HF/VHF Tactical Radio System
- Radio Base Station
- IP Advanced Radio System
- TVRO Solution



KUWAIT NATIONAL GUARD



Security Operation Center

- Contract # 602/2020-2021
- Cybersecurity solutions and services consist of :
 - 1. Content security (Email)
 - 2. Data center security
 - 3. Identity security (only 802.1x)
 - 4. Network flow security analysis
 - Malware protection and sandboxing
 - 6. DNS security
 - 7. Security Operations Management
 - 8. End points security
 - 9. Threat Intelligence
 - 10. Layer 4 data encryption solution

Paperless Office

- Contract # MPA1591KWT16122000 73609 90237076
- Implementation and Integration of several Application-Suites that are based on SAP, IBM, Microsoft and OpenText platforms, in addition to the migration of legacy data as well as to digitization services

KUWAIT PORT AUTHORITY





Wide range of Sensors System Connectivity for Port Authority. Scope of Work:

The system generally comprise the following equipment's & subsystems:

- Radio Communications & recorders
- Maritime Sensors
- Weather Sensors
- Oceanographic Sensors
- Telemetry Network and Unified Sensors Display Application
- Installation in Port Towers, Under sea water and in ships.
- Data transfer and communication devices
- · Communication and information transfer systems
- LAN / WAN



MINISTRY OF COMMUNICATION





Supply, installation, testing and operation and maintenance of the wireless phone system (WLL) for 20 Thousand lines.

- Turnkey Integrated System
- Operation & Maintenance
- Fixed and mobile cellular
- 20,000 Telephone Lines
- 99.5% coverage for 10 areas
- Connect with all MoC exchanges LAN/WAN
- Fiber & Microwave Transmission
- Tower & Shelters
- Connect with MoC Auto Disconnect
- First commercial CDMA in the MEA
- · Data transfer and communication devices
- Communication and information transfer systems



KUWAIT OIL COMPANY





Contract#36031: e-Business & Enterprise Asset Management System Implementation, Training & Support:

- Turnkey Integrated System
- · Implementation covered the followings:
- · Management of Maintenance,
- Materials,
- Contracts,
- Data repositories for Assets Hierarchy,
- · Labor records,
- Job Plans,
- · Inventory Items,
- contracts line items,
- · Specific industry for IT Service Management,
- Transportation,
- · Scheduling, Calibration,
- GIS,
- · Data Cleansing, Data Collection
- Data Management exercise catering for Inventory Items Cataloguing, Pur Contracts Data Cleansing, Assets Data Cleansing,
- Software solutions (sites, portals, e-services, content management), etc.



KDD DATA NETWORK

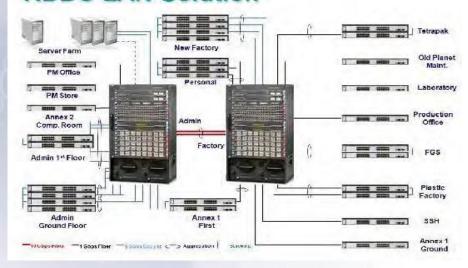




Turnkey Project for KDD Campus Network including:

- 29 GE Edge Switches
- Two fully redundant Cisco 6500 Core Switches
- Connect Server Farm & Users
- Cisco Works Network Management System
- Laying Fiber and UTP Cables
- · Servers, PC, Handhelds, UPS's,
- Disaster Recovery and Backup services
- Complete Data Center Services

KDDC LAN Solution



KDD Corporate Applications "Oracle"





ACC Implemented full Oracle ERP Solution for KDD:

- 29 GE Edge Switches
- Oracle E-Business Suite including:
 - Financials, SCM, Oracle Process Manufacturing, HRMS
- IBM Maximo Enterprise Asset Management
 - Maintenance & Material Management, and IT Service Management
- Documentum Content Management
 - Document Management Services, File-shares, AutoCAD Integration
- Integration Services across the ERP suites
- Cisco Data Network
 - Complete Campus Infrastructure: wireless, fibre, radio
- HP & IBM Computer
 - Hardware Servers, Workstations, and peripherals
- Symbol/Motorola and Bluebird Handheld Computers and peripherals
- Large Scale Power Protection Services
- On-going Support Services: 1990 Present



CBK ORACLE HRMS "ORACLE"





ACC Implemented full Oracle HRMS to Central Bank of Kuwait:

- 29 GE Edge Switches
- 800+ Employee Organization
- Oracle Human Resources
- Oracle Self Service
- Oracle Training Administration
- Oracle Payroll
- HR Intelligence
- Oracle I-Recruitment
- · Systems Installation
- Data Conversion
- End-Users training
- Technical Training





KOC GAS BOOSTER STATION - WEST KUWAIT



Saipem was awarded KOC BS-171 project and all materials have been supplied to Saipem on time and have been inspected and approved by KOC fire team.

- ACC sales team has worked in depth engineering details with Saipem team ensuring all documentation is up to KOC's standard and are meeting with KOC and Saipem requirements.
- ACC to supply all firefighting systems and equipment's to Saipem as per KOC specification and requirements
- ACC sales and procurement team has worked together along with several world leading firefighting manufacturers in order to supply Saipem with all their project's needs of firefighting equipments including:-
- FP70 Foam Concentrate Monnex Dry Chemical Powder Deluge Skids
- Duraline Fire Hoses
- Fire Fighting Equipment's Boxes Portable and Wheeled Fire Extinguishes









360 MALL

Kharafi National was awarded the electromechanical scope for 360 Degree Mall.

- ACC sales team has worked with KN engineering team ensuring that ACC firefighting package offered are meeting with the project's consultant specifications and up to KOC's standard and are meeting with the end user requirements.
- ACC sales team has obtained the client approvals in timely manner.
- ACC firefighting package includes all sprinkler system equipments, Deluge and foam systems.
- ACC's sales and procurement team put in a lot of efforts and time to ensure both Kharafi National and its client's requirements were met and to guarantee total client satisfaction.
- ACC supplied the firefighting packages to Kharafi National as scheduled and without any delay.





KUWAIT UNIVERSITY KHALDIYA CAMPUS



ACC Implemented full Oracle HRMS to Central Bank of Kuwait:

- Intelligent addressable fire alarm networking control panels (17 Nos.)
- More than 5000 addressable smoke detectors.
- More than 500 addressable Pull Station.
- Graphic Software Package.
- Secure System.
- Reduce maintenance time.
- Cost saving.
- Versatile event analysis and total history archive.
- Display and control for multiple panel.





ZAIN KUWAIT



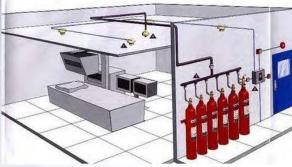
Supply and installation of 700 Nos. Extinguishing Control Systems:

- Over 700 nos. of the base stations within the new Zain mobile network
- More than 1000 smoke detectors
- More than 700 releasing station
- Intelligence and versatility for troublefree remote extinguishing systems.
- Whilst these remote unmanned sites are air-conditioned and powered by generators with battery backup, extreme temperatures make these Panels testing environments
- Reduce maintenance time
- Cost saving











Contact Us

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Please visit https://www.accwll.com/