



PROJECTS REFERENCE

Innovate • Transform • Succeed

ABOUT US

Driving Innovation and Excellence

Established: 1998

Industries served: Governmental, Financial, Retail, etc

Core values: Innovation | Integrity | Excellence•

OUR SUCCESS
STORIES AND
ACHIEVEMENTS

PROJECT TITLE: AL-MANHAL SCHOOLS INTEGRATED INFRASTRUCTURE SOLUTION

Client Industry: Educational

Website: <https://almanhalschools.edu.sa>

Location: Riyadh – Rayyan & Taawun



MAIN GOALS

- **Infrastructure Cabling:** Deploy MMC & R&M cabling to establish a robust backbone that supports high-performance connectivity and ensures long-term scalability.
- **IP Telephony – Avaya:** Implement Avaya IP telephony to unify voice communications, reduce costs, and enable seamless integration with enterprise applications.
- **IP Network – Huawei:** Build a Huawei-powered IP network to deliver secure, high-speed data transmission and support mission-critical applications.
- **CCTV – Hikvision:** Enhance security through Hikvision CCTV systems, providing real-time monitoring, incident recording, and comprehensive surveillance coverage.
- **Access Control – ZKT:** Introduce ZKT access control solutions to regulate entry points, ensuring only authorized personnel gain access to sensitive areas.
- **Fingerprint – ZKT:** Integrate biometric fingerprint authentication for secure, user-friendly identity verification.
- **Racks:** Local Utilize locally sourced racks to organize and protect networking, telephony, and security equipment efficiently.
- **Idea Hub:** Huawei Deploy Huawei Idea Hub smart interactive screens to support collaboration, presentations, and remote conferencing, fostering innovation and teamwork.

POTENTIAL CHALLENGES

- **Integration Complexity**
- **Cabling Infrastructure**
- **System Scalability**
- **Data Privacy**

STRATEGIC IMPACT

- **Operational Efficiency:** Streamlined communication and networking infrastructure reduces downtime and improves productivity.
- **Security & Compliance:** Advanced surveillance and access control systems safeguard assets and ensure regulatory compliance.
- **Collaboration & Innovation:** Smart interactive tools empower teams to collaborate effectively, whether onsite or remotely.
- **Scalability & Future-Proofing:** Modular infrastructure ensures adaptability to future technological advancements and organizational growth.

VISUALS



PROJECT TITLE: MADEEDA HOSPITAL INFRASTRUCTURE SOLUTION

Client Industry: Healthcare

Website: <https://www.madeeda.sa/en/>

Location: Riyadh, KSU complex, King Abdullah Road



MAIN GOALS

- **Infrastructure Cabling – CommScope** Establish a reliable cabling backbone using CommScope solutions to ensure high-performance connectivity, scalability, and long-term durability across all systems.
- **IP Telephony – Avaya** Deploy Avaya IP telephony to unify communication, reduce operational costs, and enable seamless integration with enterprise applications for efficient voice services.
- **IP Network – Huawei** Implement Huawei networking solutions to deliver secure, high-speed, and scalable data transmission, supporting mission-critical applications and future growth.
- **Datacenter – Huawei UPS & Racks** Build a robust datacenter environment with Huawei UPS systems and racks to ensure continuous power availability, equipment organization, and operational resilience.

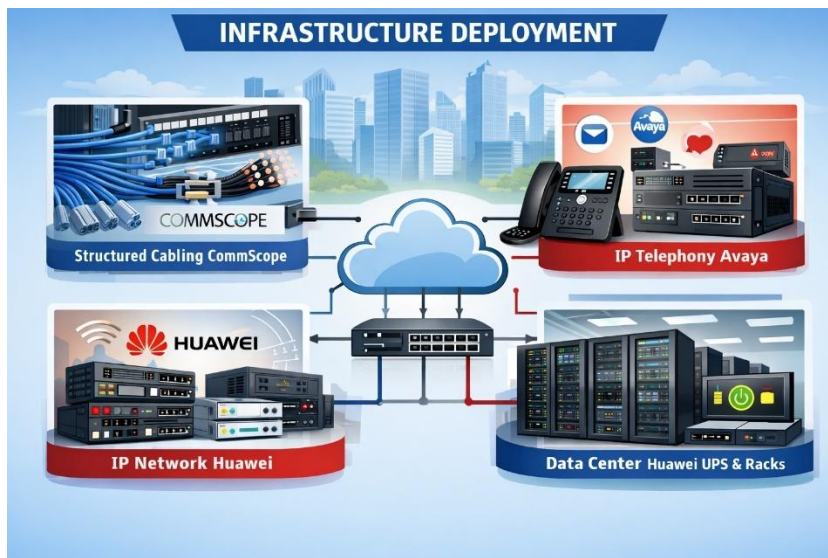
POTENTIAL CHALLENGES

- **Integration Complexity**
- **Cabling Deployment**
- **Network Security**
- **Datacenter Reliability**
- **Scalability & Future Growth**

STRATEGIC IMPACT

- **Operational Efficiency:** Streamlined communication and networking infrastructure reduces downtime and improves productivity.
- **Security & Reliability:** UPS-backed datacenter ensures uninterrupted services and protects against power failures.
- **Collaboration & Connectivity:** Unified telephony and networking empower teams to work seamlessly across departments.
- **Future-Proofing:** Modular cabling and scalable network architecture allow easy expansion as organizational needs evolve.

◆ VISUALS



 PROJECT TITLE: **CARE HOSPITAL COMMSCOPE INFRASTRUCTURE CABLING PROJECT**

Client Industry: Healthcare

Website: <https://www.care.med.sa/>



Location: Riyadh , Malaz

 MAIN GOALS

- **Reliable Structured Cabling:** Deploy a robust, standards-compliant cabling system using CommScope solutions to ensure seamless connectivity across all infrastructure layers.
- **High-Performance Data Transmission:** Guarantee optimized bandwidth and minimal signal loss to support enterprise networking, cloud services, and advanced applications.
- **Scalability & Flexibility:** Design a cabling infrastructure that can easily adapt to future expansions, technology upgrades, and increased capacity requirements.
- **Compliance & Standards Alignment:** Implement solutions in line with TIA/EIA and ISO/IEC standards, ensuring interoperability, safety, and long-term reliability.
- **Efficient Cable Management:** Organize cable routing, termination, and labeling to simplify maintenance, reduce downtime, and enhance operational efficiency.
- **Future-Ready Infrastructure:** Build a foundation for emerging technologies such as IoT, smart building systems, and next-generation data centers.

 POTENTIAL CHALLENGES

- **Ensuring proper installation and compliance with international standards**
- **Avoiding signal loss and interference to maintain high bandwidth**
- **Designing infrastructure that can expand easily in the future**
- **Keeping systems interoperable and certified for reliability**
- **Maintaining neat routing and labeling to reduce downtime**
- **Anticipating new technologies like IoT and smart systems while staying cost-effective**

◆ VISUALS



PROJECT TITLE: MINISTRY OF FINANCE COMMScope IMVISION: INTELLIGENT DATACENTER MANAGEMENT PROJECT

Client Industry: Governmental

Website: <https://www.mof.gov.sa/>

Location: Riyadh



MAIN GOALS

- Provide real-time visibility into cabling and connectivity across the data center.
- Enable intelligent monitoring and management of physical infrastructure.
- Improve operational efficiency by automating documentation and change tracking.
- Enhance security and compliance through accurate records of connections and movements.
- Support scalability and flexibility for future technology upgrades.
- Reduce downtime and troubleshooting time with proactive alerts and guided workflows.

STRATEGIC IMPACT & RESULTS

Success by planning, automation, and continuous validation. Enabling intelligent monitoring and management of physical infrastructure ensures a resilient and future-ready datacenter.

◆ VISUALS



PROJECT TITLE: MODONOF DISASTER RECOVERY EXCELLENCE WITH MDS SOLUTION

Client Industry: Governmental

Website: <https://www.modon.gov.sa/>



Location: Riyadh

MAIN GOALS

- Establish a redundant and resilient data center architecture to ensure business continuity.
- Implement MDS (Multilayer Director Switch) for high-speed, secure, and scalable data replication.
- Enable real-time disaster recovery and failover between primary and backup sites.
- Minimize downtime and data loss through automated backup and recovery processes.
- Support future scalability for expanding workloads and storage demands.
- Ensure compliance and reliability with enterprise-grade disaster recovery standards.

POTENTIAL CHALLENGES

- Complex integration between primary and backup data centers to ensure seamless failover.
- Data synchronization delays that can affect recovery point objectives (RPO) and recovery time objectives (RTO).
- Network bandwidth limitations during large-scale data replication.
- Configuration and compatibility issues between MDS switches and existing infrastructure.
- Maintaining security while transferring sensitive data between sites.
- Testing and validation of disaster recovery procedures without disrupting live operations

STRATEGIC IMPACT & RESULTS

Success by planning, automation, and continuous validation — combining MDS's high-speed switching with disciplined operational governance ensures a resilient and future-ready datacenter.

◆ VISUALS



PROJECT TITLE: SAUDI POST DATACENTER INFRASTRUCTURE SOLUTION

Client Industry: Governmental

Website: <https://splonline.com.sa/en/>

Location: Across Saudi Arabia

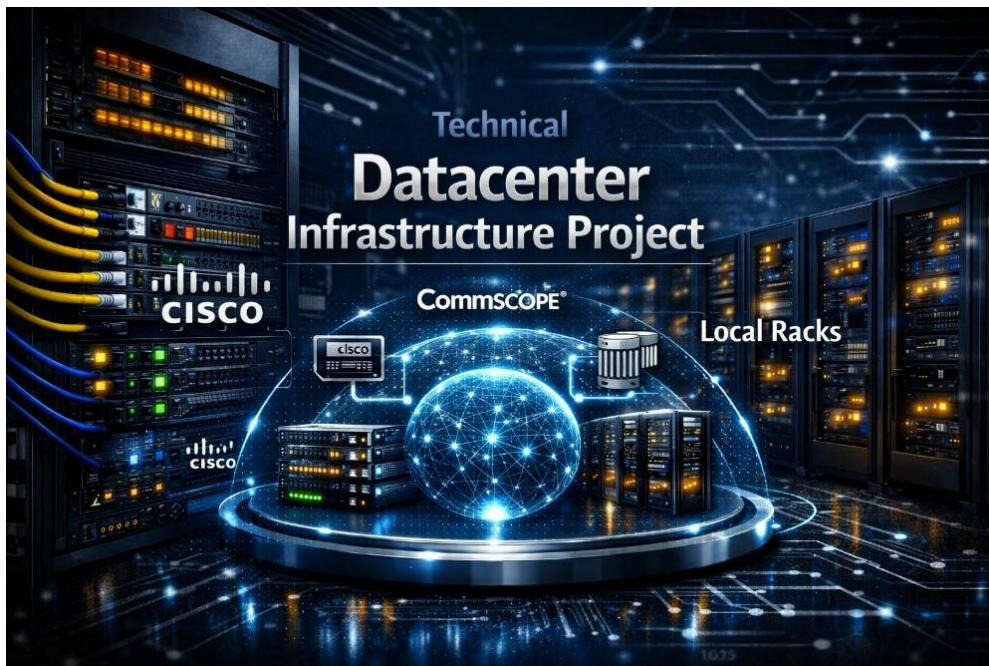


MAIN GOALS

- **Reliable Infrastructure Cabling (CommScope):** Deliver structured, standards-compliant cabling to ensure high performance, scalability, and organized connectivity.
- **Robust IP Network (Cisco):** Build a secure, high-speed, and resilient network backbone with Cisco solutions for seamless communication and data flow.
- **Optimized Local Racks:** Provide efficient rack organization, cooling, and space management to support equipment reliability and easy maintenance.
- **Integration & Efficiency:** Ensure smooth interoperability between cabling, networking, and rack systems for a unified datacenter environment.
- **Future Readiness:** Design with scalability in mind to accommodate growth, new technologies, and evolving enterprise needs.

VISUALS





PROJECT TITLE: KING SAUD UNIVERSITY DATACENTER INFRASTRUCTURE SOLUTION

Client Industry: Educational

Website: <https://ksu.edu.sa/en>

Location: Riyadh – Dental College – Pharmacy College



MAIN GOALS

1. Infrastructure Cabling (CommScope)

- Deliver a structured, high-performance cabling system that supports current and future network demands.
- Ensure organized, labeled, and standards-compliant installation for reliability and easy maintenance.
- Maintain signal integrity and minimal latency through premium CommScope materials and precise termination.

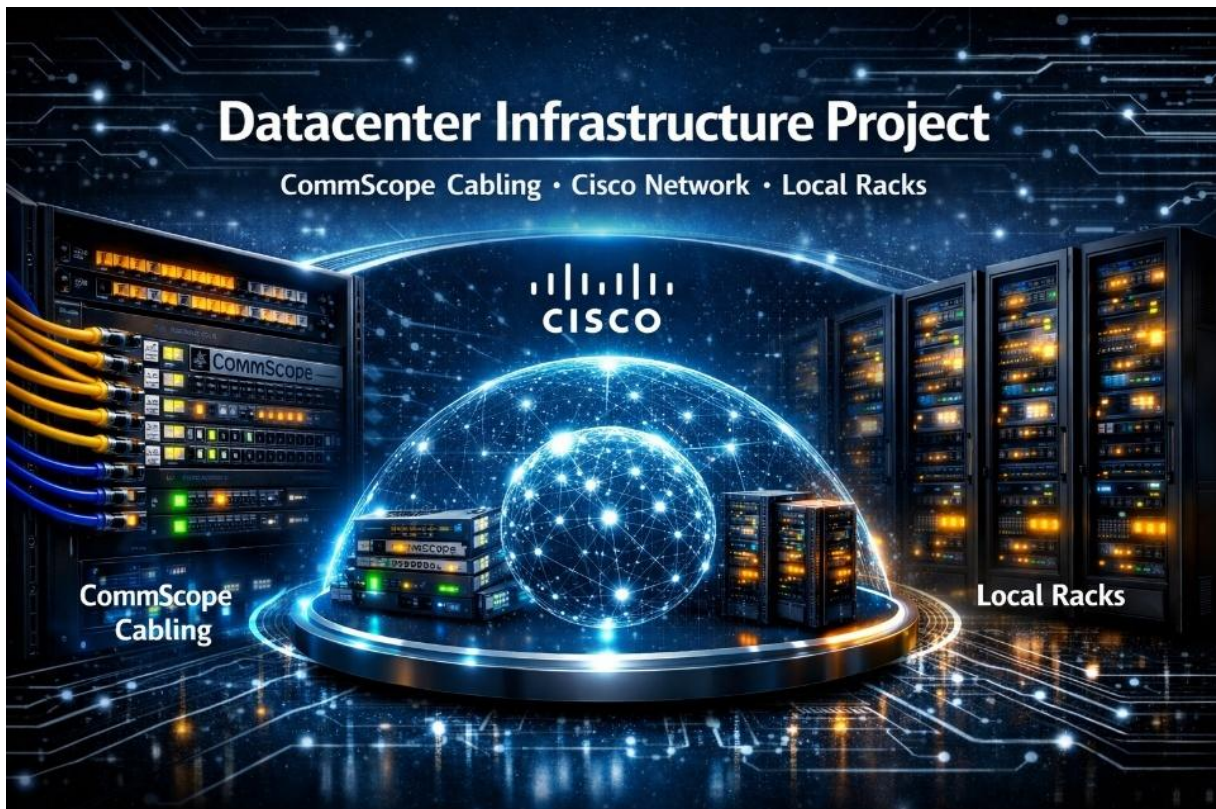
2. IP Network (Cisco)

- Build a secure, scalable, and high-speed network backbone using Cisco technologies.
- Enable redundancy and failover for continuous connectivity and disaster recovery readiness.
- Implement intelligent network management for visibility, control, and performance optimization.

STRATEGIC IMPACT & RESULTS

Success by planning, automation, and continuous validation. By delivering a structured, high-performance cabling system and implementing intelligent network management for visibility, control, and performance optimization, ensures a resilient and future-ready datacenter.

◆ VISUALS



PROJECT TITLE: COMMITTEE FOR THE PROMOTION OF VIRTUE AND THE PREVENTION OF VICE (PVPV) INFRASTRUCTURE SOLUTION

Client Industry: Governmental

Website: <https://www.pv.gov.sa/Pages/PVHome.aspx>

Location: Across Saudi Arabia



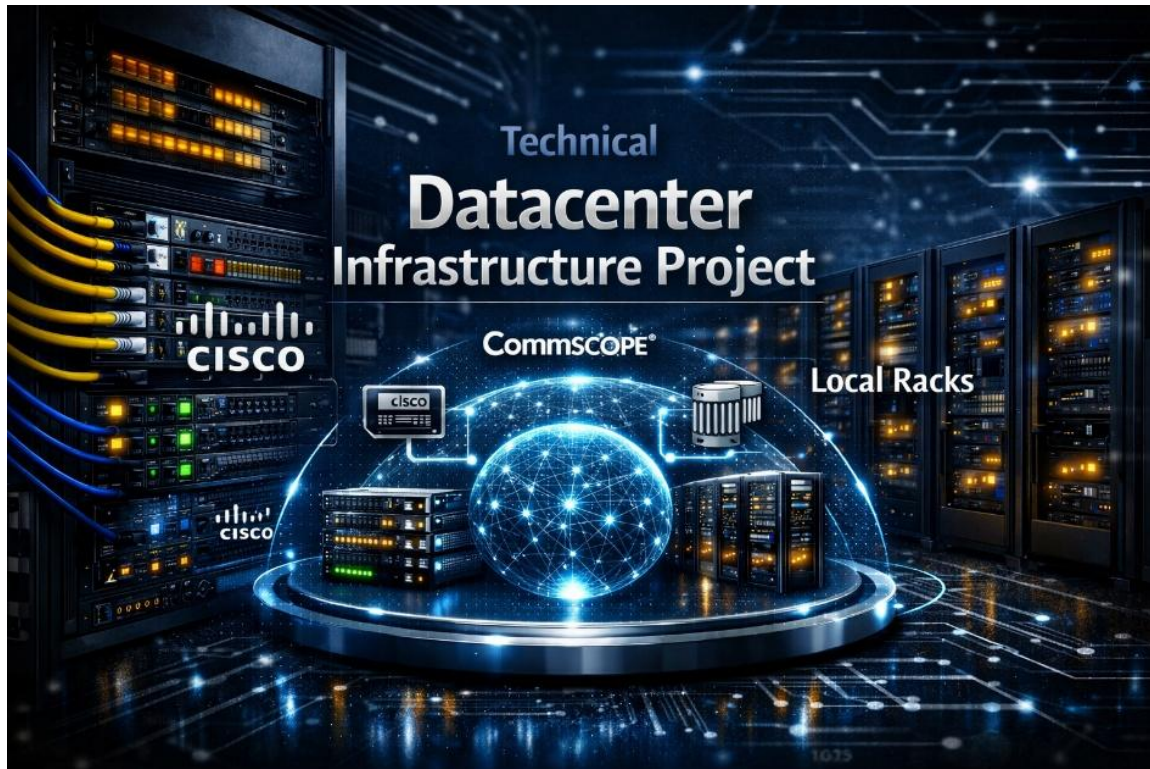
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STRATEGIC IMPACT & RESULTS

Success by planning, automation, and continuous validation. By delivering a structured, high-performance cabling system and implementing intelligent network management for visibility, control, and performance optimization, ensures a resilient and future-ready datacenter.

◆ VISUALS



PROJECT TITLE: BOUDL HOTEL TOTAL INFRASTRUCTURE SOLUTION

Client Industry: Hospitality

Website: <https://boudl.com/en>

Location: Riyadh – Olaya



MAIN GOALS

1. Infrastructure Cabling (3M)

- Establish a structured, high-performance cabling system using 3M solutions for reliability and scalability.
- Ensure organized, labeled, and standards-compliant installation for efficient maintenance.
- Maintain signal integrity and minimal latency through precision termination and quality materials.

2. IP Network (Cisco)

- Build a secure, high-speed, and resilient network backbone with Cisco technologies.
- Enable redundancy and failover for continuous connectivity and disaster recovery.
- Implement intelligent network management for visibility, control, and optimization.

3. Racks (Local)

- Provide efficient rack organization for servers, switches, and power units.
- Optimize space utilization, cooling, and cable routing for operational efficiency.
- Support modular scalability for future equipment expansion.

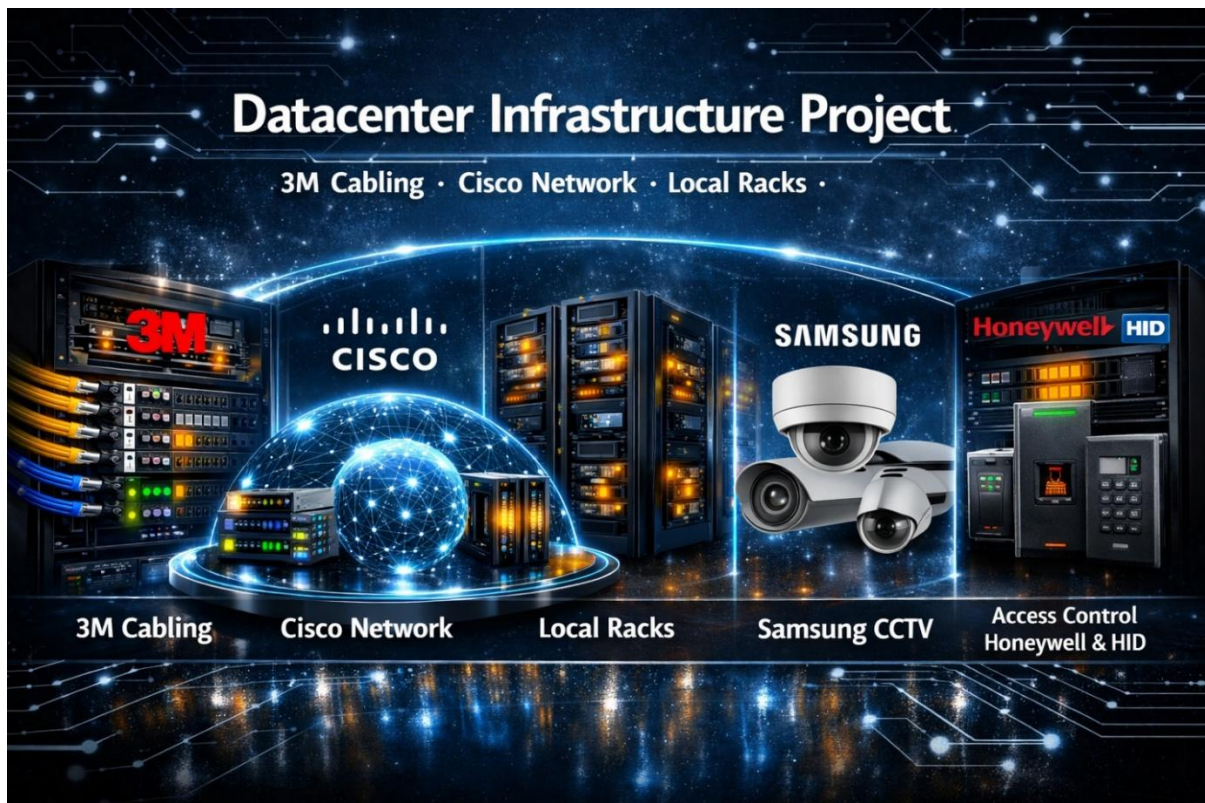
4. CCTV (Samsung)

- Deploy high-definition surveillance systems for comprehensive visual monitoring.
- Ensure reliable recording, remote access, and analytics for security management.
- Integrate with the network for centralized control and data storage.

5. Access Control (Honeywell & HID)

- Implement **secure access management** using Honeywell and HID technologies.
- Enable **multi-level authentication** (cards, biometrics, PINs) for controlled entry.
- Integrate with CCTV and network systems for **unified security operations**.

◆ VISUALS



PROJECT TITLE: SAUDCONSULT HUAWEI IDEAL HUB VIDEO CONFERENCE SOLUTION

Client Industry: AEC (Architecture, Engineering, and Construction) .

Website: <https://www.saudconsult.com>

Location: Riyadh – Head Office



MAIN GOALS

- **Seamless Video Conferencing** Provide high-quality audio and video for meetings, ensuring smooth communication across teams and locations.
- **Smart Collaboration Tools** Enable interactive whiteboarding, wireless screen sharing, and multi-device connectivity to boost productivity.
- **Unified Communication Platform** Integrate with existing enterprise systems (Microsoft Teams, Zoom, Webex, etc.) for a consistent user experience.
- **AI-Enhanced Features** Use Huawei's AI capabilities for auto-framing, voice tracking, and intelligent noise cancellation to improve meeting efficiency.
- **Scalable Deployment** Support flexible installation in conference rooms, and offices, with options for wall-mount, stand, or mobile setups.
- **Secure & Reliable Infrastructure** Ensure enterprise-grade security, data protection, and stable connectivity for sensitive business discussions.

◆ VISUALS



PROJECT TITLE: AJEX CYBERSECURITY DLP ODYSSEY SOLUTION

Client Industry: Logistics

Website: <https://aj-ex.com>

Location: Riyadh – Head Office



MAIN GOALS

- **Prevent Data Leakage** Monitor, detect, and block unauthorized data transfers across endpoints, networks, and cloud systems.
- **Ensure Regulatory Compliance** Align with data protection standards (GDPR, ISO 27001, NCA, etc.) to safeguard sensitive information.
- **Enhance Visibility & Control** Provide centralized dashboards for tracking data movement, user behavior, and potential risks.
- **Automate Security Policies** Apply adaptive rules that classify and protect data based on sensitivity and context.
- **Integrate with Existing Security Ecosystem** Seamlessly connect with firewalls, SIEM, and endpoint protection tools for unified defense.
- **Reduce Insider Threats** Detect abnormal data access or sharing patterns to prevent intentional or accidental breaches.
- **Support Business Continuity**

VISUALS



PROJECT TITLE: BIN YA'ALA EXCHANGE CYBERSECURITY MDR SOLUTION

Client Industry: Financial

Website: <https://www.byc.sa>

Location: Riyadh – Head Office



MAIN GOALS

- **24/7 Threat Monitoring** Continuously observe endpoints, networks, and cloud environments to detect suspicious activity in real time.
- **Rapid Incident Response** Contain and remediate threats immediately through automated and expert-driven actions, minimizing downtime and damage.
- **Advanced Threat Detection** Use AI, behavioral analytics, and threat intelligence to identify sophisticated attacks that bypass traditional defenses.
- **Enhanced Visibility** Provide centralized dashboards and reports for full insight into security posture, vulnerabilities, and active incidents.
- **Integration with Existing Security Tools** Connect seamlessly with SIEM, EDR, and firewalls for unified detection and response workflows.
- **Continuous Improvement** Learn from incidents to strengthen policies, improve detection rules, and adapt to evolving threat landscapes.

VISUALS

