



POWERING BUSINESS WITH PULSE PIXEL INNOVATIONS



<https://pulsepxl.com>



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▶▶▶ ABOUT US



Pulse Pixel Innovations stands as a premier IT services and technology solutions provider in Saudi Arabia, backed by over a decade of industry expertise. Grounded in a commitment to driving transformation and operational success, we bridge the gap between complex technological challenges and high-impact business outcomes. By combining local insight with international technology standards, we empower enterprises across the Kingdom to navigate the digital era with agility, confidence, and sustained competitive advantage.

Our core capability lies in engineering end-to-end digital solutions designed to support modern enterprise demands. From designing and deploying secure, scalable, and highly integrated IT infrastructures to building bespoke custom software, we create technology ecosystems that seamlessly align with our clients' strategic goals. Furthermore, our robust, advanced cybersecurity frameworks ensure that critical data assets remain protected against an ever-evolving threat landscape, giving organizations the freedom to innovate without compromise.

At the heart of Pulse Pixel Innovations is a relentless dedication to partnership and engineering excellence. We do not simply deliver software or infrastructure; we collaborate closely with leadership teams to understand their vision, streamline their operational efficiency, and build resilient systems ready for future growth. As Saudi Arabia's digital landscape continues to evolve rapidly, we remain a trusted, forward-thinking partner dedicated to shaping the future of technology across the Kingdom.



15+
YEARS IN
BUSINESS

PULSE PIXEL DYNAMIC SOLUTIONS



Network
Infrastructure



Data Center
Solutions



Cloud Computing



Virtualization
Services



Cybersecurity
Solutions



IP Telephony
VoIP Solutions



AI Solutions



Web / Mobile App
Development



CCTV Solutions



Digital Signage,
Video Walls



POS Solutions



Low Current (ELV)
Systems



Strategic
Compliance



Access Control,
Time Attendance



ISO / Vendor
Registration

OUR STRATEGIC PARTNERS



NETWORK INFRASTRUCTURE & DATA CENTER SOLUTIONS

At Pulse Pixels, we deliver end-to-end networking and infrastructure solutions designed to keep your business connected, secure, and scalable. From supplying premium hardware to deploying complex data centers, we are your trusted technology partner.

Our Core Expertise

• Complete Networking Projects & Product Supply

We manage networking projects from concept to execution. We supply, configure, and integrate a comprehensive range of active networking products, including high-performance routers, switches, firewalls, and wireless access points from leading global brands.



• Structured Passive Cabling Work

A reliable network starts with a solid foundation. Our team specializes in top-tier passive cabling solutions (Cat6, Cat6A, and Fiber Optics). We ensure clean, certified, and meticulously organized cabling layouts that maximize data transfer speeds and minimize downtime.

• End-to-End Data Center Development

We possess the expertise to establish all types of data centers, tailored to your specific business scale and compliance needs. Our services cover everything from localized server rooms and edge data centers to large-scale enterprise facilities.

CLOUD COMPUTING & VIRTUALIZATION SERVICES

Embrace the future of IT with our cutting-edge cloud and virtualization solutions. We help businesses reduce capital expenditure (CapEx), maximize hardware utilization, and build a highly flexible IT ecosystem that supports remote work and seamless scalability.

Our Cloud & Virtualization Capabilities

Virtualization Solutions (Compute, Storage, & Network)

We transform your physical infrastructure into efficient, virtualized environments using industry-leading platforms (like VMware and Hyper-V).



Public, Private, & Hybrid Cloud Deployments

Whether you need the security of a private cloud, the agility of a public cloud (AWS, Azure, Google Cloud), or a flexible hybrid model, we design and deploy the perfect cloud architecture tailored to your operational needs.

Cloud Migration & Integration

Moving to the cloud doesn't have to be disruptive. Our experts handle the seamless migration of your legacy applications, databases, and workloads to the cloud with zero data loss and minimal business downtime.

Backup & Disaster Recovery (DRaaS)

We safeguard your business continuity. Our automated cloud backup and replication solutions ensure that your critical data is securely backed up offsite and can be restored in minutes in the event of an outage.

CYBERSECURITY SOLUTIONS

BUILDING STRONGER NETWORK FOUNDATIONS.

In an era of evolving digital threats, securing your infrastructure is not just an option—it is a business necessity. At Pulse Pixels, we provide robust, multi-layered cybersecurity solutions designed to defend your network, data, cloud environments, and endpoints from sophisticated cyber attacks.

Our Comprehensive Security Portfolio

Next-Generation Network Security

We protect your network perimeter with advanced Next-Generation Firewalls (NGFW), Intrusion Prevention Systems (IPS), and secure Secure SD-WAN architectures. We ensure that your data traffic is strictly monitored, filtered, and shielded from unauthorized access.

Endpoint Detection & Response (EDR / XDR)

With the rise of remote work, every device is a potential entry point. We deploy AI-driven Endpoint Detection and Response solutions that actively monitor laptops, mobiles, and servers to neutralize ransomware, malware, and zero-day exploits before they cause damage.

Cloud & Data Security

As you transition to virtualized and cloud environments, we ensure your data remains encrypted both at rest and in transit. We implement Cloud Access Security Brokers (CASB), Identity and Access Management (IAM), and Multi-Factor Authentication (MFA) to guarantee that only authorized users can access sensitive company data.

Vulnerability Assessments & Penetration Testing (VAPT)

Don't wait for a breach to find your weaknesses. Our ethical hacking and security experts conduct deep-dive vulnerability assessments and simulated cyberattacks.



IP TELEPHONY & VOIP SOLUTIONS

Modern business demands communication that is agile, cost-effective, and deeply integrated. At Pulse Pixels ,we replace legacy, rigid analog phone setups with next-generation Voice over IP (VoIP) and IP Telephony solutions. We empower your teams to connect securely from anywhere, using any device, all while slashing traditional telecom expenses.

Our Communication Ecosystem

• On-Premise & Cloud IP-PBX Systems

We design and deploy both robust on-site IP-PBX systems and flexible Cloud-hosted PBX platforms. Partnering with global leaders (such as Cisco, Avaya, Grandstream, and Yealink), we deliver custom setups featuring interactive auto-attendants (IVR), intelligent call routing, and centralized web management.



• Unified Communications (UCaaS)

Go beyond simple voice calls. We unify your business communications by merging crystal-clear voice, HD video conferencing, team chat, and file sharing into a single, cohesive software platform.

• SIP Trunking & Gateway Integration

Maximize your existing network bandwidth. Our high-density SIP trunking services allow you to discard expensive physical lines in favor of digital lines over the internet, effortlessly supporting massive call volumes with unmatched clarity.

• Mobility & Remote "Softphone" Extensions

Empower your hybrid workforce. We configure secure software-based extensions (Softphones) on laptops and smartphones, allowing your employees to take their office desk extensions with them wherever they go, completely masking their personal mobile numbers.

SMART SURVEILLANCE & CCTV SOLUTIONS

Physical security is the first line of defense for any enterprise. At Pulse Pixels, we design, deploy, and maintain advanced, enterprise-grade IP surveillance and CCTV ecosystems. We seamlessly integrate high-definition visual monitoring with network infrastructure to provide complete situational awareness, protecting your assets, personnel, and operations around the clock.

Our Surveillance Capabilities

• High-Definition IP Camera Deployment

We supply and install a comprehensive fleet of cutting-edge IP cameras, including Dome, Bullet, PTZ (Pan-Tilt-Zoom), and Panoramic/Fisheye models.



• Network Video Recording (NVR) & Hybrid Storage Solutions

Data integrity is paramount. We engineer robust, redundant storage setups utilizing high-capacity Network Video Recorders (NVRs) and centralized Storage Area Networks (SAN). Our solutions feature automated failovers and long-term archiving to comply with your industry's specific data-retention regulations.

• AI-Powered Video Analytics

Transform your cameras from passive recording devices into proactive security assets. We deploy intelligent software featuring Automated License Plate Recognition (ALPR), facial recognition, perimeter intrusion alerts, loitering detection, and crowd-density monitoring to stop incidents before they escalate.

• Command Center Setup & Remote Monitoring

We construct state-of-the-art security command centers equipped with high-density video walls and centralized Video Management Software (VMS). Additionally, we configure secure mobile and web gateways, allowing your security personnel to view live feeds and manage alerts from anywhere in the world.

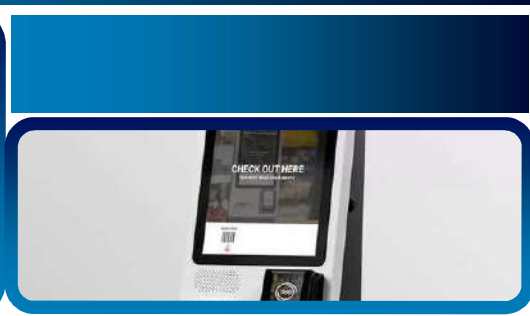
DIGITAL SIGNAGE, VIDEO WALLS & POS SOLUTIONS

Transform how your business interacts with customers and manages transactions. At Pulse Pixel, we provide end-to-end commercial display setups and intelligent Point of Sale (POS) ecosystems. We blend high-performance visual hardware with robust software to elevate customer experiences, streamline retail operations, and drive brand engagement.

Our Interactive & Visual Display Solutions

High-Impact Video Walls & LED Displays

Capture attention with seamless, large-scale visual setups. We engineer and install high-density, ultra-narrow bezel LCD and direct-view LED video walls for corporate boardrooms, control centers, hotel lobbies, and retail storefronts. Our solutions feature powerful matrix controllers for flexible content layout.



Commercial Digital Signage & Kiosks

Replace static posters with dynamic, remote-managed commercial screens and interactive self-service kiosks. Perfect for menus, wayfinding, product showcases, or corporate communications, our displays are built for 24/7 continuous operation with anti-glare coatings and high-brightness panels.

Centralized Content Management Systems (CMS)

Managing your screens should be effortless. We deploy cloud-based or on-premise CMS software that allows you to schedule, update, and deploy multimedia content across thousands of screens globally or locally from a single, centralized web dashboard.

Next-Generation Point of Sale (POS) Systems

We equip retail, hospitality, and corporate environments with robust, enterprise-grade POS hardware. From sleek touchscreen terminals we deliver the complete checkout ecosystem.

ACCESS CONTROL, TIME ATTENDANCE & LOW CURRENT (ELV) SYSTEMS



Securing physical entryways and automating workforce management are critical components of modern enterprise facility design. At Pulse Pixel, we specialize in the design, integration, and deployment of Extra-Low Voltage (ELV) solutions, including state-of-the-art Access Control and Automated Time Attendance systems. We bridge the gap between building security, human resource management, and network infrastructure.

Our ELV & Security Capabilities

Biometric & Smart Access Control Systems

Take complete control over who enters your facility. We install advanced access control setups utilizing multi-factor authentication, including contact-free AI facial recognition, palm vein scanning, fingerprint metrics, and secure RFID smart cards. Our systems manage door locks, turnstiles, speed gates, and elevators to ensure unauthorized personnel are restricted.

Automated Time & Attendance Solutions

Streamline your HR and payroll operations. We deploy enterprise-grade time tracking hardware integrated with centralized management software. Our solutions eliminate "buddy punching" via biometric validation and feature real-time data sync, automated shift-roaming calculations, and seamless integration with major ERP and HR payroll systems.

Comprehensive Low Current / ELV Engineering

We act as a single-source partner for complex Extra-Low Voltage building ecosystems. Beyond access control, our ELV integration capabilities cover:

Public Address & Voice Alarm (PA/VA): For crystal-clear ambient audio and emergency evacuation announcements.

Intercom Systems: IP-based audio/video door entry setups for visitor verification.

Intrusion Detection Systems: Smart motion sensors, glass-break detectors, and panic buttons mapped to local alarm panels.

Centralized Security Management & IoT Integration

Manage your entire facility from a single pane of glass. We tie your access control, time attendance, CCTV, and building alarms into a unified management software platform, allowing your security team to view live facility status, track logs, and instantly lockdown zones during emergencies.

AI SOLUTIONS

Enterprise AI Integration Services



AI-Powered Web & Mobile App Development

Intelligent, Scalable Digital Interfaces Connected to Your Core Enterprise Ecosystem

Off-the-shelf apps and basic UI templates aren't built for the modern AI era. **PULSE PIXEL** builds custom web and mobile applications that put enterprise-grade artificial intelligence directly into the hands of your users, employees, and field teams.

We bridge the gap between front-end user experience and back-end integration—connecting web and mobile apps to your ERPs, CRMs, legacy databases, and custom AI orchestration pipelines with zero friction.

We Turn Standalone AI Models into Production-Grade Enterprise Systems

Deploying artificial intelligence is easy; integrating it into legacy IT infrastructure, complex ERPs, and distributed data lakes is hard. **PULSE PIXEL** bridges the gap between raw AI models and operational reality.

We connect multi-agent frameworks, LLMs, and custom ML pipelines directly into your existing enterprise stack—ensuring zero data silos, strict governance, and zero operational downtime.

Agentic AI & System Orchestration | Enterprise RAG & Data Engineering | Legacy Stack AI Modernization | MLOps & Pipeline Automation

PULSE PIXEL CONSULTANCY ISO CERTIFICATION & TRAININGS

ISO 9001 Quality Management System.
ISO 14001 Environmental Management System.
ISO 45001 Health & Safety Management System.
ISO 27001 Information Security M.S.
ISO 22000 Food Safety Management System.
ISO 17025 Quality Management System For Lab.
ISO 17020 Q.M.S For Third Party Inspection.
ISO 20000 IT Management System.
ISO 13485 QMS For Medical Devices.
ISO 21001 QMS For Educational Organization.

AS 9100 Quality System For Aerospace.
ISO 50001 Energy Management System.
ISO 26001 Social Responsibility.
ISO 37001 Anti Bribery Management System.
ISO 22301 Business Continuity M.S.
ISO 29990 Learning Management Systems.
ISO 41001 Facility Management System.
ISO 55001 Asset Management System.
ISO 27701 – Privacy Information Managements
TL 9000 – QMS For Telecom Industries
ISO 31000 – Risk Assessment



VENDOR REGISTRATION

At Pulse Pixel, we are more than just a technology provider—we are a fully compliant, enterprise-ready partner. We understand that doing business with the top 100 corporations, government entities, and mega-projects in the Kingdom of Saudi Arabia requires strict adherence to legal, financial, and localized standards.

We have actively prioritized and streamlined our Vendor Registration and pre-qualification status across major enterprise networks to ensure swift, friction-free procurement for our clients.



OUR VALUED CUSTOMERS





Mr. Mohammed Sami

General Manager

At Pulse Pixel, our mission is simple: to bridge the gap between complex technology and seamless business performance. As a system integration partner, we don't just connect software, hardware, and networks—we engineer cohesive digital ecosystems that empower organizations to scale, innovate, and lead in an ever-evolving market.

At In today's fast-paced digital landscape, true efficiency requires more than just modern tools; it demands intelligent alignment. Our team of engineers and technology strategists works relentlessly to solve intricate operational challenges, transforming fragmented systems into unified, high-performing engines. Every solution we design is built with precision, adaptability, and long-term value in mind.

We take pride in being more than a service provider. We are a trusted strategic partner dedicated to turning your technological vision into an everyday operational advantage. Thank you for placing your trust in Pulse Pixel as we continue to shape the future of integrated enterprise technology.

THANK YOU

One Connected Ecosystem. Zero Friction.

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