



SPARKLINE ASSOCIATES

Smart Systems • Secure Infrastructure
Connected Solutions for Enterprise & Critical
Environments



ABOUT SPARKLINE ASSOCIATES

Sparkline Associates is a technology solutions and systems integration company delivering reliable, scalable and customized solutions across IT, telecommunications, security, healthcare, retail and critical infrastructure environments.

We help organizations improve operational efficiency, security, communication, monitoring, automation, and infrastructure reliability. By focusing on understanding customer requirements, we deliver appropriate technology solutions from system design through implementation and support.

OUR FOCUS

01

Technology

02

Connectivity

03

Security

04

Monitoring

05

Automation

06

Integration





Healthcare Technology

Advanced digital systems supporting patient care workflows, management, and critical infrastructure in medical facilities.



Security & Surveillance

Comprehensive physical and network security solutions designed for monitoring and situational awareness.



IT & Network Infrastructure

Robust enterprise networking, Wi-Fi, and structured connectivity solutions for seamless operations.



Communication Systems

Reliable IP telephony and communication infrastructure tailored for organizational connectivity.



Monitoring & Alert Systems

Continuous environmental and equipment monitoring solutions triggering real-time response alerts.



Retail Technology

Smart electronic tagging and security systems to improve retail efficiency and loss prevention.



Data Centre Infrastructure

Organized, secure, and resilient data centre and server room environments with integrated monitoring.



Software & Digital Solutions

Custom business applications and dashboards designed around specific operational workflows.

HEALTHCARE TECHNOLOGY SOLUTIONS

- **Nurse Call Systems:** Solutions designed to facilitate communication between patients, nurses and healthcare staff, supporting efficient response and improved patient care workflows.
- **Queue Management:** Digital queue management solutions designed to organize patient/customer flow, reduce waiting confusion and improve service efficiency.
- **Hospital Information Management:** Technology solutions supporting the management and organization of hospital information and operational workflows.
- **Master-Slave Digital Clocks:** Synchronized digital clock systems providing consistent time across hospitals, offices and other facilities.
- **Healthcare Environment Monitoring:** Monitoring and alert solutions for temperature, humidity and other environmental conditions in critical healthcare environments.



SECURITY & SURVEILLANCE SOLUTIONS



CCTV Surveillance Systems

Video surveillance solutions designed for monitoring, security and situational awareness.



Access Control Systems

Secure access management solutions for controlling entry to authorized areas.



Attendance Management Systems

Technology-enabled employee attendance and access monitoring.



FortiGate Firewall & Network Security

Network security solutions using firewall technologies such as FortiGate to help protect business networks, users and critical infrastructure.



RF Retail Security Tag Systems

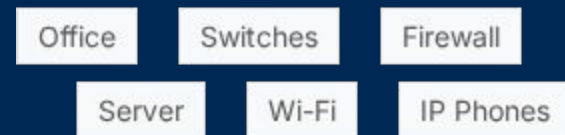
RF-based electronic article surveillance solutions designed to help retailers reduce unauthorized removal of merchandise.

NETWORKING & TELECOMMUNICATION SOLUTIONS

INFRASTRUCTURE COMPONENTS

- IP Phone Systems
- Wi-Fi Solutions
- Network Infrastructure
- Structured Connectivity
- Network Security
- Communication Infrastructure

TYPICAL NETWORK ARCHITECTURE



DATA CENTRE INFRASTRUCTURE

Sparkline Associates provides technology solutions for reliable, organized, and secure data centre environments designed to meet rigorous enterprise demands.

-  Server & Network Infrastructure
-  Rack & Equipment Integration
-  Security & Infrastructure Management
-  Environmental Monitoring
-  Power & Infrastructure Monitoring
-  Connectivity

SECURITY

CONNECTIVITY

MONITORING

RELIABILITY

SCALABILITY



MONITORING & ALERT SOLUTIONS

Continuous monitoring and rapid alerts are critical to maintaining the integrity of sensitive environments and infrastructure.

SYSTEMS DEPLOYED

- Power Quality Analyzer & Vibration Alert System
- Environment, Temperature & Humidity Monitoring
- PA Systems & Sirens

KEY APPLICATIONS

Cold Storage

Laboratories

Server Rooms

Critical Equipment

SENSORS

SYSTEM

DATA

ALERT

RESPONSE



PROFESSIONAL SERVICES & SOLUTIONS

01

Strategic IT Consulting

Aligning technology infrastructure with core business goals through robust architectural planning and risk management.

02

Enterprise Systems Integration

Connecting complex software, hardware, and network systems into a unified, efficient operational framework.

03

Managed Operations & Support

End-to-end monitoring, proactive maintenance, and 24/7 technical assistance to ensure continuous operational uptime.

04

Infrastructure Modernization

Upgrading legacy environments with high-performance networking, cloud integration, and scalable architecture.

99.9%

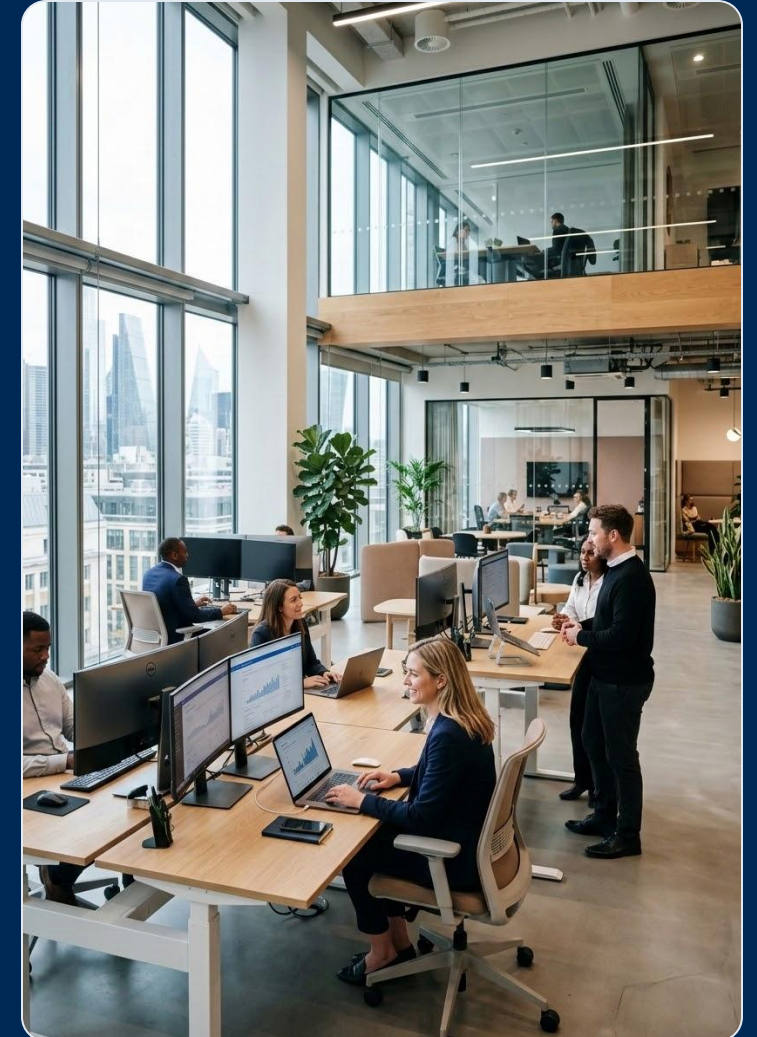
System Uptime SLA

24 / 7

Proactive Monitoring

100%

Tailored Integration



SMART RETAIL SOLUTIONS

Technology solutions engineered to help supermarkets and retail businesses improve pricing management, security, customer flow, store connectivity, and overall operational efficiency.

CORE CAPABILITIES & INTEGRATIONS

🏷️ Electronic / Online Price Tag Systems

🛡️ RF Retail Security Tag Systems

👤 Queue Management

📺 CCTV & Wi-Fi

🔒 Access Control

ELECTRONIC PRICE TAGS

Digital price tag solutions enable centralized and efficient updating of product pricing information across retail environments, eliminating manual errors and reducing labor costs.

- **Centralized Control:** Real-time automated pricing updates across all channels.
- **Cost Efficiency:** Eliminates paper labeling errors and reduces manual labor.



RETAIL AUTOMATION
Modern Store Infrastructure & Management

PUBLIC ADDRESS & ALERT SYSTEMS

- > PA Systems
- > Public Announcement Systems
- > Emergency Sirens
- > Audio Alert Systems
- > Facility-wide Communication

 Hospitals

 Offices

 Commercial Buildings

 Schools

 Industrial Facilities

 Public Facilities



PUBLIC ADDRESS & ALERT SYSTEMS

CORE CAPABILITIES

-  PA Systems
-  Public Announcement Systems
-  Emergency Sirens
-  Audio Alert Systems
-  Facility-wide Communication

TARGET FACILITIES & SECTORS

-  Hospitals
-  Schools
-  Offices
-  Industrial Facilities
-  Commercial Buildings
-  Public Facilities

HARDWARE OVERVIEW



CUSTOM SOFTWARE DEVELOPMENT

Every organization has unique operational requirements. Our custom software solutions are designed around specific business processes, helping organizations improve efficiency, visibility and workflow management.



Custom Business Applications



Workflow Automation



Management Software



Information Management Systems



Dashboard & Reporting Solutions



System Integration



Customer-specific Software Solutions

INTEGRATED TECHNOLOGY ECOSYSTEM

SPARKLINE ASSOCIATES

SECURITY

CCTV

Access Control

NETWORKING

Wi-Fi

Firewall

Data Centre

MONITORING

Sensors

Alerts

Environment Monitoring

COMMUNICATION

IP Phones

PA Systems

Sirens

CONNECTING THESE SYSTEMS TO

Healthcare

Retail

Corporate

Commercial

Critical Infrastructure

"Technology solutions tailored to the operational requirements of each environment."



Healthcare



Retail & Supermarkets



Corporate Offices



Data Centres



Laboratories



Cold Storage



Commercial Buildings



Educational
Institutions



Industrial Facilities



Critical Infrastructure

WHY SPARKLINE ASSOCIATES?

01

CUSTOMIZED SOLUTIONS

Solutions designed meticulously around customer requirements and specific operational challenges.

02

INTEGRATED TECHNOLOGY

Multiple technology systems can be brought together into a highly coordinated and efficient environment.

03

RELIABLE INFRASTRUCTURE

An unwavering focus on dependable technology infrastructure and high-quality implementation standards.

04

SECURITY FOCUSED

Strict security considerations are integrated across all IT and physical environments from day one.

05

SCALABLE APPROACH

Solutions designed architecturally with future expansion and changing organizational requirements in mind.

06

PROFESSIONAL SUPPORT

Comprehensive installation, detailed configuration, and ongoing technical support for implemented solutions.

FROM REQUIREMENT TO SOLUTION

01

UNDERSTAND

Understand the customer's requirements and operational challenges.

02

DESIGN

Develop an appropriate, customized technical solution.

03

IMPLEMENT

Deploy and properly integrate the required systems.

04

TEST & COMMISSION

Test the comprehensive solution and ensure proper operation.

05

SUPPORT

Provide technical assistance and ongoing support as required.



"Connecting Technology. Securing Possibilities."



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SCAN TO CONNECT