System Integration Quotation

Integrated Security & Building Automation Solution

Client Information

Company: Avenir Tech

Project: Access Control & Building Automation

Location: 3-Floor Commercial Building

Coverage: 24 Controlled Access Points

Quotation Details

Quote Number: AVT-2025-001

Date: September 24, 2025

Validity: 30 days from date of issue

Prepared By: System Integration Team

System Components & Specifications

🔐 Door Access Control System

Comprehensive IP-based access control solution with biometric authentication, card readers, and centralized management for 24 controlled doors across all floors.

✓ IP Access Terminals with integrated card readers and fingerprint scanners

✓ Electric strike locks with fail-safe/fail-secure configurations

✓ Multi-modal authentication (RFID cards, biometrics, PIN codes)

✓ Real-time access logging and comprehensive audit trails

✓ Time-based access control and scheduling

✓ Emergency override and fire safety integration

✓ Unified management platform

✓ Active Directory integration for seamless user management

✓ Automated attendance tracking and reporting

🚗 Vehicle Ingress Management

Automated vehicle access control with license plate recognition technology and boom barrier integration for secure entry and exit management.

✓ Automatic License Plate Recognition (ALPR) cameras

✓ Automated boom barriers for entry and exit points

✓ Vehicle database management and whitelist/blacklist functionality

✓ Real-time vehicle tracking and logging

✓ Visitor vehicle registration and management

✓ Integration with access control system

✓ Mobile notifications and alerts

🌐 Network Infrastructure (Optional)

Enterprise-grade network infrastructure with PoE capabilities to support all connected devices and ensure reliable system operation.

✓ Managed PoE+ switches for power and data delivery

✓ Enterprise-grade core router with firewall capabilities

✓ Structured Cat6 cabling throughout the building

✓ Network redundancy and backup systems

✓ Remote network monitoring and management

✓ Scalable architecture for future expansion

🏗️ Building Management System

Integrated building automation including power monitoring, HVAC control, and AI-powered camera monitoring for comprehensive facility management.

✓ **Power Monitoring:** Real-time electrical consumption tracking and analytics

✓ **HVAC Control:** Automated climate management with occupancy-based scheduling

✓ **AI Camera Monitoring:** Intelligent video analytics with person detection and alerts

✓ Zone-wise monitoring and control capabilities

✓ Energy optimization algorithms and recommendations

✓ Mobile app for remote monitoring and control

✓ Predictive maintenance alerts and notifications

✓ Centralized dashboard with real-time status updates

Investment Breakdown

System Component	Description	Investment (INR)
Door Access Control System	Complete access control for 24 doors with biometric authentication	₹12,00,000
Vehicle Ingress Management	ALPR cameras and boom barriers for automated vehicle access	₹4,00,000
Network Infrastructure *(Optional)*	Enterprise network setup with PoE switches and cabling	₹6,75,000
Building Management System	Power monitoring, HVAC control, and AI camera analytics	₹3,50,000
Total Investment (Including Optional)		₹26,25,000
Total Investment (Excluding Optional Network)		₹19,50,000

Terms & Conditions

1. **Quotation Validity:** This quotation is valid for 30 days from the date of issue.

2. **Payment Terms:** 40% advance, 40% on delivery, 20% on commissioning and handover.

3. **Installation:** Professional installation and commissioning included in the quoted price.

4. **Warranty:** 2 years comprehensive warranty on all hardware and software components.

5. **Training:** Comprehensive user training and documentation provided at no additional cost.

6. **Support:** 24/7 technical support available through manufacturer's service network.

7. **Customization:** System can be customized based on specific requirements with additional quotation.

8. **Exclusions:** Civil work, electrical conduits, structural modifications, and door handles not included.

9. **Door Compatibility:** Electric strikes work with metal/wooden doors only. Glass doors without frames require magnetic locks.

10. **Site Survey:** Door compatibility assessment required before final installation.

11. **Timeline:** 4-6 weeks from order confirmation for complete system delivery and commissioning.

12. **GST:** All prices exclusive of applicable taxes and duties.

Thank you for your interest in our solutions

For any clarifications or modifications to this quotation, please contact us.

We look forward to partnering with Avenir Tech for this prestigious project.