S4 Tech provides customized systems, components, and services for Automated Entry Control. We can provide an entire multi-credential automated access control system that can run standalone or be integrated into existing facility infrastructure. S4 Tech can also provide subsystems, components, software, and engineering support. Items available from S4 Tech include:

- Complete turnkey multi-credential (personnel, vehicle, biometrics) automated entry control systems
- Database driven multi-credential processing hardware and software
- Event based video recording with searchable video clips tied to access transactions
- Rapidly deployable CCTV (PTZ and fixed cameras) system for entry control surveillance
- Customized low-maintenance environmentally controlled enclosures for gate/lane controllers and associated electronics
- Customized industrial-grade surge-protected I/O boards (data lines, relays, power)
- Customized rapid-install mounting brackets and gate/lane structures
- IP, digital, analog, and wireless communications including intercoms
- Multi-credential enrollment and access control software
- Customized controls for gate-arms, motorized fences, and barriers
S4 Tech also provides engineering design and support services for automated entry control systems. S4 Tech engineers have extensive experience with security, communications, and IT system design and implementation. Our engineers have also been involved with the design, implementation, and installation of several automated installation entry control systems for use on DoD installations. Engineering services include:

- Complete multi-credential (personnel, vehicle, biometrics) automated entry control system design and development based upon customer requirements
- Reader Integration: RFID, CAC, Magstripe, Smart Cards, biometric readers, FIPS 201 processing
- Integrated video recording and archiving system design and implementation
- Mechanical design for brackets, enclosures, mounting bases, and sensor integration
- Thermal analysis and design for electronics, video, sensors, and processing hardware
- Environmental design: temperature control, surge protection, and water and dust protection
- Design of interfaces to fence, gate, and traffic light controls
- Hardware and software development/configuration for database-driven multi-credential
- Site communications analysis and communications system design
- Site-based power, surge protection, and data infrastructure design and integration
- Site supervision and quality control