

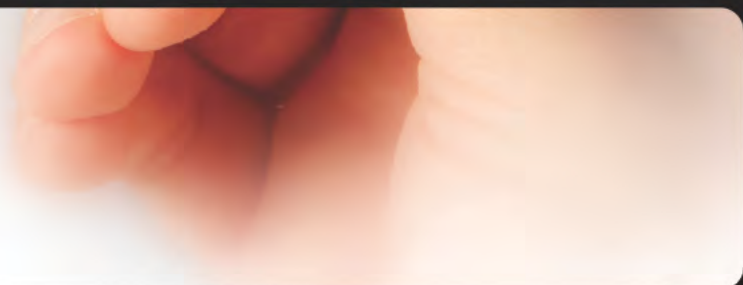
The  
**Superior**  
global solution  
for ATM security  
and access control



**A-SERIES™**  
ATM Access Management System



SARGENT AND GREENLEAF®





# A-SERIES ATM Access Management System

## Three (+) modes of operation

### Bank Mode

- Save money – no key is required to access the lock in bank mode
- Sixteen user PIN positions available – simply enter a valid code to open the lock
- With valid authorization by the lock owner, a virtually unlimited number of subcontractors can be delegated their own service mode access to the same lock

### Service Mode

- Users must have a four-digit PIN, touch key and one-time-use code to access the ATM
- Enhance security by selecting the start date, start time and duration of the one-time-use code

### Bank + Service Mode

- The lock can be placed in both bank and service modes, so bank personnel can access the ATM in bank mode and service providers can access the ATM in service mode



Touch keys snap in securely to ensure reliable data transfer from lock to key.

## Multiple Authentications for Greater Access Control

To access the ATM, users must have three forms of authentication:

- 1) A four-digit PIN unique to the individual user
- 2) An assigned touch key
- 3) A valid one-time-use code generated by the system software

## Improved One-Time-Use Codes

A-SERIES one-time-use codes will expire if not used within the operator-specified time window. This results in reduced risk, as the code is not "live" indefinitely until used.

## Fast, Easy Installation

A-SERIES is an easy retrofit onto existing and new ATMs — fewer parts and no spindle to cut speeds installation and reduces installation errors.

## No Close Seal Required

A-SERIES does not require entering a close code into the system software before generating a new code for the lock, saving time and eliminating the risk of out-of-synch codes. However, if your existing processes require a close seal, the A-SERIES will fit right in with the addition of the optional A-SEAL box.

## Time Is in the Lock, Not on the Key

Accurate time is critical to creating a reliable audit trail. By keeping the time in the lock, the A-SERIES is not susceptible to time drift, which renders audit trail reports unreliable.

## No Vendor Meets

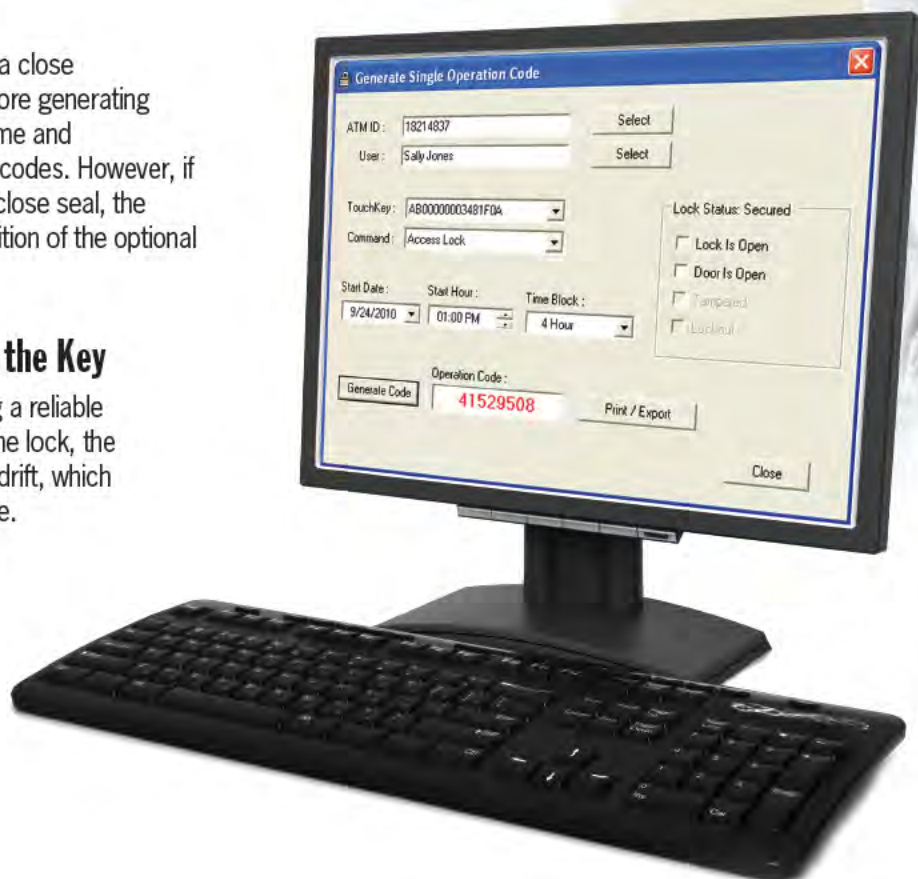
Traditional solutions require parties to physically meet at the ATM when initially assigning service mode access rights and again if changes in service providers occur. This practice is costly, time-consuming and inefficient. A-SERIES utilizes secure file transfers to facilitate ATM access authorizations — a unique technology that saves time and money while allowing greater control of subcontractor access.

## Multi-Language Software

A-SERIES Lock Management Software (LMS) can meet global ATM deployment needs by offering multiple languages. Select from one of the standard languages, or translate LMS screens into any other language using the LMS Custom Translator feature.

## Technical Support

Technical support is global, multilingual and offered 24/7 by our highly-trained A-SERIES specialists.



## PRODUCT SPECIFICATIONS

Access Control	
User Authentication	Service Mode – eight-digit operation code and four-digit PIN (user-defined) and touch key Bank Mode – six-digit combination and two-digit PIN position
One-Time Combination	Yes (Service Mode)
User-Defined Combinations	Yes (Bank Mode)
Wrong Combo Penalty	Yes
Central Control	Yes (with LMS software)
Audit Trail	Lock – 400 events (most recent), Open and Close constitutes one event, "User" touch key – 100 events, "Manager" touch key – 38 events
Audit Reports	Via LMS software
Operating Modes	Three (Bank Mode, Service Mode, Bank and Service Mode)
Time Windows by User	Yes

Alarm Interface	
Duress Combination	Yes (Bank Mode and Service Mode)
Alarm Shunt	Yes
BoT Status	Yes

Agency Approvals	
	U.L. – Type 1 (USA) VdS – Class 2 (Germany) CEN-EN 1300 (Europe) A2P/CNPP- Class B/E (France)

Environmental	
Operating Temperature	0°C to 60°C @ 90% RH
Humidity	Up to 95% RH
ESD	5kV to 25kV
Endurance	25,000 operations
Vibration	Three-axis, 10-150MHz, 1G acceleration, Three oct/min (per IEC 68-2-2)
Shock	50 G (per IEC 68-2-27)
Mechanical Attack	30 minutes

## MECHANICAL & ELECTRICAL SPECIFICATIONS

Mechanical	
Keypad	1.44" H x 4" D
Lock Body	3.32" L x 2.4" W x 1.1" H
Keypad	12-button sealed w/ tactile feedback
Display	LED response light for keypad input – three color-coded status indicators for lock function
Electrical	
Power	Two 9V batteries (Duracell recommended), AC hardwire adapter (optional) Battery life under normal operations – two years
Touch Key	8K-bit & 64K-bit (DS1995 & DS 1996) read-write memory, multi-stage encrypted

## SOFTWARE SPECIFICATIONS

Lock Management System Software	
Operating System	Server or stand-alone application—Windows® 7 (32/64 bit Ultimate and Professional), Windows Server 2003/2008, Windows XP
Language Support	English, Spanish, French, German, Polish, Portuguese, Chinese simplified are standard. Translate LMS screens into other languages with the LMS Custom Translator.
Qty Locks Controlled	Limited only by available Hard Disk Space
Qty Users Managed	Limited only by available Hard Disk Space
Qty of Audit Events	Unlimited when properly archived
Multi-Level Access	Yes
Audit Reports	Yes
Lock Status Reports	Yes
User Reports	Yes
Minimum PC Requirements Server or Stand-alone Application	2 GB of RAM Up to 500 MB of free disk space Available USB or serial port for touch key adapter
Client Application	1 GB of RAM Up to 250 MB of free disk space Available USB or serial port for touch key adapter

Database Platform	
LMS software supports the following database platforms:	Microsoft SQL 2005/2008, Express, Standard or Enterprise editions  Express version provided with LMS. Standard or Enterprise editions must be obtained by customer

Link Software	
Operating System	Windows 7 (32/64 bit Ultimate and Professional), Windows Server 2003/2008, Windows XP
Minimum PC Requirements	1 GB of RAM Up to 250 MB of free disk space

## OPTIONAL MODULES

Duress Module (6102-090) and Remote-Enable Module with Duress (6102-100)	
	Receives duress signal from lock and relays signal to police or alarm company  Remotely controls access to lock via alarm company or other third party (6102-100 only) Terminal strip connections for alarm company No external power supply required to operate module

Duress Module (6102-025) for Remote Disable, Duress, and Tamper Indication	
	Receives duress signal from lock and relays signal to police or alarm company  Sends a "tamper" signal when a switch-monitored panel or the module cover is removed  Allows managers or supervisors to disable the lock from a remote location  Small footprint (25,5 mm X 65,5 mm) and quick-connect screw terminals make for easy installation

A-SEAL Box (6128-500) for Generation of Close Seals	
	Simply insert the A-SERIES™ touch-key and the A-SEAL™ reads and stores the key information and generates an A-SEAL™ value that may be entered into either your front end system, IVR or into the A-SERIES™ LMS software  Provides accurate audit information for important lock functions

## About Sargent and Greenleaf

Sargent and Greenleaf is one of the world's leading manufacturers of medium and high-security locks and locking systems. Since 1857, Sargent and Greenleaf has provided security solutions to financial institutions, commercial businesses, governments and consumers around the world. Delivered through an international network of distribution partners, Sargent and Greenleaf products continue to set the standard for quality, value and technical innovation.

Corporate Headquarters  
One Security Drive  
Nicholasville, KY 40356  
859.885.9411  
859.885.3063



**SARGENT AND GREENLEAF®**

sargentandgreenleaf.com

European Headquarters  
9, chemin du Croset  
1024 Ecublens  
Switzerland  
41.21.694.3400



## Worldwide Listed

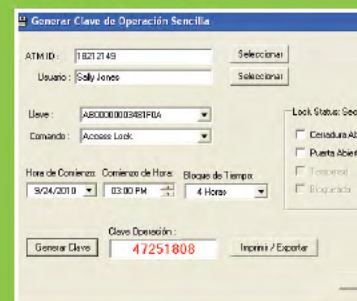
Multiple listings for worldwide security.  
A-SERIES is listed by the following agencies:  
UL® Type 1, VdS Klasse 2, CEN EN 1300 Class B,  
A2P/CNPP Class B/E



## A-SERIES Lock

The A-SERIES lock is available with two bolt styles: Blocking and Push/Pull. The Push/Pull model (shown above right) is ideal for vault applications. The end of its blocking bolt is pre-drilled and tapped for easy boltwork attachment.

Each model comes standard with a bolt position indicator and a secure loop for connecting door switches or other security devices.



## Multi-Language Software

A-SERIES software is designed to meet your global ATM deployment needs. Standard user-selectable languages include: English, French, Spanish, German, Polish, Portuguese and Chinese simplified. As your language support needs expand, translate LMS screens into any other language using the LMS Custom Translator feature.



**SARGENT AND GREENLEAF®**

[sargentandgreenleaf.com](http://sargentandgreenleaf.com)

The A-SERIES solution combines state-of-the art access control software with S&G's high-security lock technology to provide ATM manufacturers, banks, IADs (ISOs) and armored car companies unprecedented ATM

**Lock up more  
ATM profits  
with A-SERIES  
advanced  
technology.**

security.

A-SERIES helps simplify and streamline ATM access while improving security.

Sargent and Greenleaf (S&G) is a global company

with a rich heritage of innovation, quality and customer support. With

A-SERIES installations worldwide, S&G is a proven leader and stands ready

to support your ATM growth plans as your global ATM locking solutions

partner.