Axiom AMI
with wireless link

StoneL

Easy, safe and secure remote access

Axiom AMI with wireless link
Easily access hard-to-reach automated valves

Discover convenient remote access of your automated valves when you install the Axiom AMI with AS-Interface featuring *Bluetooth*® technology.

With the new patent pending **StoneL wireless link** app you can remotely:

- Monitor and set open and closed switch positions
- Monitor and set the network address
- Operate solenoid valve(s) (if network- or power supply-enabled)
- Identify model and serial number (preset from factory)
- Identify valve automation components (entered by valve supplier)
- Log maintenance information
- Monitor diagnostics (valve cycle count, electronics temperature, and more).

Devices may be remotely accessed from up to 50 meters depending on obstructions. Setting changes and solenoid control are enabled through the AS-Interface network or by the power supply jumper.
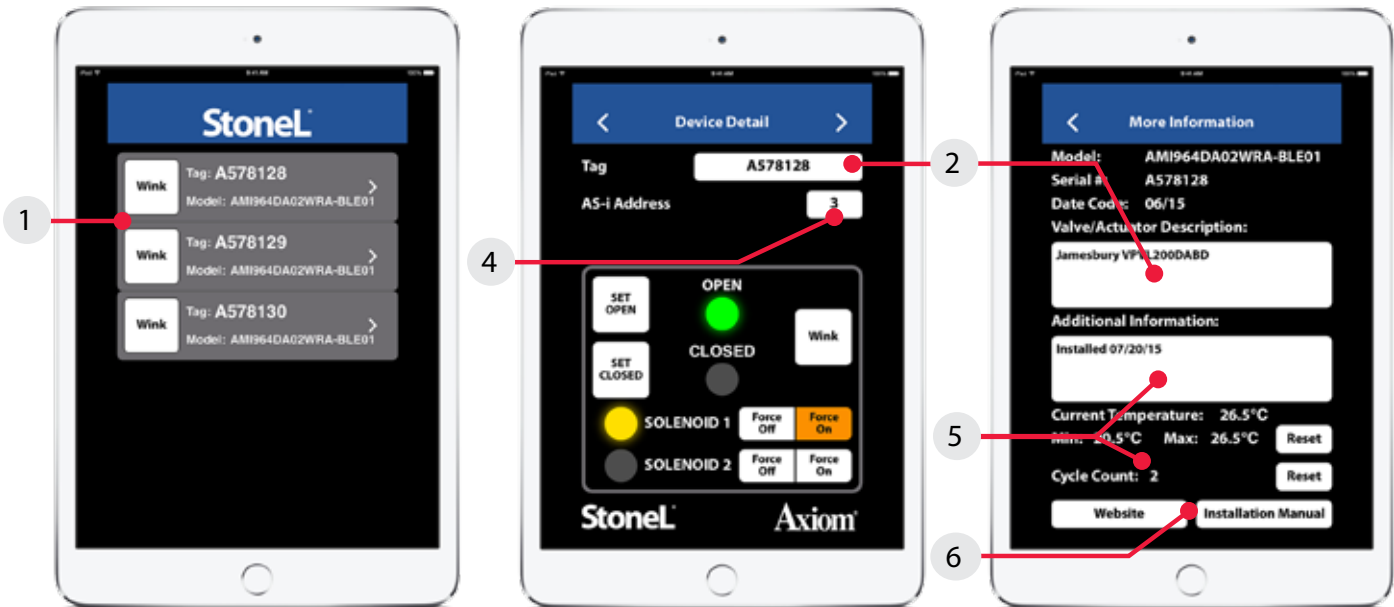
Interfacing devices

Conventional Apple® devices may be used including:

iPhone®	Version 4S and above
iPad®	Version 3.0 and above
iPad mini™	All

Contact StoneL regarding additional devices and special enclosures to make these devices suitable for use in hazardous locations.

Benefits of wireless link

1. **Fast, convenient set-up** for valve automation suppliers without special equipment.

2. **Electronically enter and store** key automated valve system information including:
   - End user tag number/information
   - Valve and actuator identification as well as Axiom model and serial number (Axiom information preset from factory)
   - Maintenance log.

3. **Improve safety by easily accessing hard-to-reach automated valves** without putting plant personnel at risk.

4. **Reduce network commissioning time** by accessing the VCT address and making changes if necessary.

5. **Reduce maintenance time** by monitoring valve cycle count, storing maintenance logs, and accessing multiple valves from one location.

6. **Conveniently retrieve installation manuals** and StoneL website when connected to internet.

Set up and operation

The Axiom AMI with wireless link is commissioned and set up identically to the standard AS-Interface unit. In addition, when powered up with a conventional power source or by the network, it may be accessed by standard iOS devices. The Axiom is accessed with the *Bluetooth*® Smart protocol using the StoneL wireless link application. Sequence of operation is:

1. Download the StoneL application from the App Store onto your device (free of charge)
2. Start the application in your Apple® device
3. All energized Axiom AMI wireless modules in range will come up
4. Push wink to positively confirm the device you have linked (Axiom LEDs will flash)
5. Touch the specific Axiom ID/tag to link with your handheld.

You can then monitor all status and diagnostic information and make necessary information changes to the free form fields at any time. Switch settings, address changes, and solenoid operation may be performed only if network- or power supply-enabled. Other information may also be added to the free form fields.

Specifications

Standard specifications apply to Axiom AMI96_ _ _ _ _W_ _ models and AMI97. Additional specifications for wireless link are as follows:

Protocol	*Bluetooth*® Smart technology; Single mode (not compatible with *Bluetooth*® Classic)
Transmit power	4 dBm or ~2.5 milliwatts
Data rate	1Mbit/second; effective information transmit rate ~10 Kbits/second
Range	Up to 100 meters (330 feet) in free space. Range is reduced by obstructions between handheld device and VCT. Line of sight is not necessary.
Registrations	FCC, IC, CE
CE compliance	Exceeds industrial compliance standards
VCT identification	VCTs in range will be displayed
VCT link	One device accessed at a time between client (handheld device) and server (VCT). Each server accessed by one client at a time.
Application	"StoneL Wireless Link" available from the App store
Handhelds	iPhone® version 4S or above, iPad® version 3.0 or above, and iPad mini™ all versions

Model selector

SERIES

AMI	Nonincendive

FUNCTIONS

Valve communication Terminals (VCTs)

96	AS-Interface
97	AS-Interface with extended addressing

PNEUMATIC VALVE

No external override		**External override**		**Latching external override**	
1D	Single pilot, 24 VDC (0.5 watt)	3D	Single pilot, 24 VDC (0.5 watt)	5D	Single pilot, 24 VDC (0.5 watt)
1B	Single pilot, 1.8 W 24 VDC	3B	Single pilot, 1.8 W 24 VDC	5B	Single pilot, 1.8 W 24 VDC
2D	Dual pilot, 24 VDC (0.5 watt)	4D	Dual pilot, 24 VDC (0.5 watt)		
2B	Dual pilot, 1.8 W 24 VDC	4B	Dual pilot, 1.8 W 24 VDC		

ENCLOSURE

A	North American (NEC/CEC)
V	International (IEC)
L	Brazilian

CONDUIT/CONNECTORS

Standard		**Mini-connectors**		**Micro-connectors**	
02	(2) ½" NPT	10	(1) 4-pin	13	(1) 4-pin
05	(2) M20	11	(1) 5-pin	15	(1) 5-pin
		19	(1) 6-pin	17	(1) 6-pin
		20	(1) 7-pin	18	(1) 8-pin
		21	(1) 8-pin		

CAPABILITIES

W	Wireless Link [patent pending]

VISUAL INDICATOR

RA	Red closed/green open	1A	Three-way flow path
GA	Green closed/red open	2A	Three-way flow path
		XA	Special

Model number example

AMI	96	1B	A	02	W	RA		OPTIONAL	OR	-T

MODEL NUMBER	**PARTNERSHIP ID**	**TEMPERATURE**
Mounting hardware required and sold separately.	Some models may include 5-digit identification suffix.	Specify -T suffix for extended temperature.

StoneL®

Valve Communication Solutions