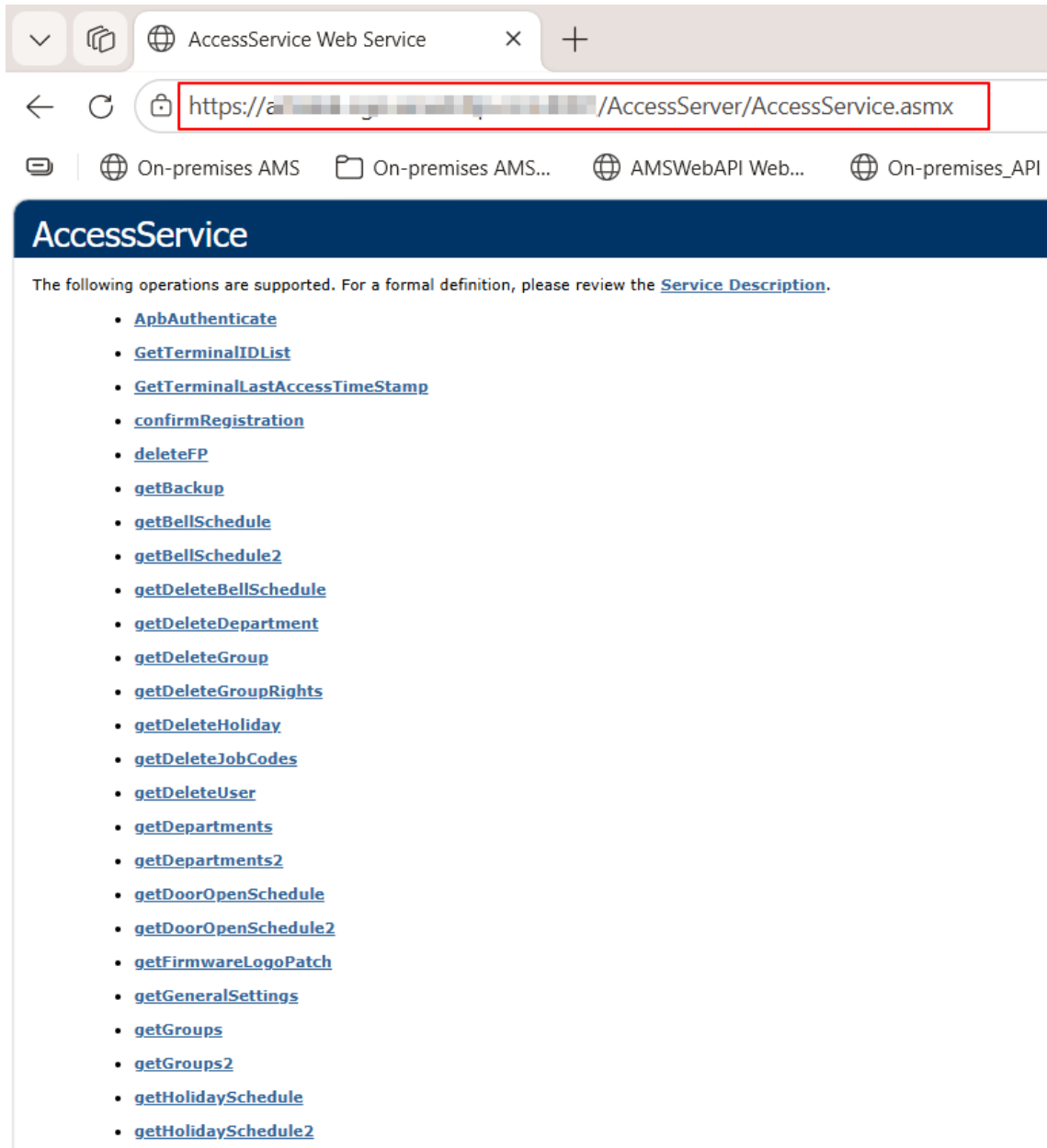


# ACTatek Device Registration with AMS (HTTPS)

## 1. Verify the AMS endpoint is accessible via HTTPS:

- <https://<AMS server IP or domain name>/AccessServer/AccessService.asmx>.



AccessService Web Service

https://a[redacted]/AccessServer/AccessService.asmx

On-premises AMS | On-premises AMS... | AMSWebAPI Web... | On-premises\_API

### AccessService

The following operations are supported. For a formal definition, please review the [Service Description](#).

- [ApbAuthenticate](#)
- [GetTerminalIDList](#)
- [GetTerminalLastAccessTimeStamp](#)
- [confirmRegistration](#)
- [deleteFP](#)
- [getBackup](#)
- [getBellSchedule](#)
- [getBellSchedule2](#)
- [getDeleteBellSchedule](#)
- [getDeleteDepartment](#)
- [getDeleteGroup](#)
- [getDeleteGroupRights](#)
- [getDeleteHoliday](#)
- [getDeleteJobCodes](#)
- [getDeleteUser](#)
- [getDepartments](#)
- [getDepartments2](#)
- [getDoorOpenSchedule](#)
- [getDoorOpenSchedule2](#)
- [getFirmwareLogoPatch](#)
- [getGeneralSettings](#)
- [getGroups](#)
- [getGroups2](#)
- [getHolidaySchedule](#)
- [getHolidaySchedule2](#)

## 2. Configure Device HTTPS Settings

- On the device's **Terminal Setup** page:
  - Select **SSL protocol ≥ TLSv1.2**.
- Click **Submit** to save changes.

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<ul style="list-style-type: none"><li>• Log Off</li><li>• Terminal Status</li><li>• Add Record</li></ul> <b>User Administration</b> <ul style="list-style-type: none"><li>• Attendance Report</li><li>• Daily Report</li><li>• View Event Log</li><li>• Add Event Log</li><li>• View User List</li><li>• Add New User</li><li>• Departments</li><li>• User Messages</li><li>• Admin Setting</li><li>• Payroll Info</li></ul> <b>Access Control</b> <ul style="list-style-type: none"><li>• Access Groups</li><li>• Triggers</li><li>• Holidays Setting</li></ul> <b>Terminal Settings</b> <ul style="list-style-type: none"><li>• <b>Terminal Setup</b></li><li>• WiFi Setup</li><li>• Authentication/Log Setup</li><li>• Terminal List</li><li>• Access Client Setup</li><li>• Door Open Schedule</li><li>• Bell Schedule</li><li>• Terminal Clock</li><li>• External Devices</li><li>• DDNS</li></ul> <b>Terminal</b> <ul style="list-style-type: none"><li>• Cloud Storage</li></ul>	Timeout <input type="text" value="5"/> sec
	Door Sense 2 Option <input type="radio"/> Normal Close <input checked="" type="radio"/> Normal Open Timeout <input type="text" value="30"/> sec
	Door Strike 1 Option <input type="radio"/> Disable <input checked="" type="radio"/> Access Granted <input type="radio"/> Emergency Mode
	Serial Relay <input checked="" type="radio"/> Disable <input type="radio"/> Enable Relay Delay <input type="text" value="11"/> sec (1-90)
	Door Strike 2 Option <input type="radio"/> Disable <input type="radio"/> Door Strike 1 Clone <input type="radio"/> Access Denied <input checked="" type="radio"/> Bell Schedule <input type="radio"/> Active Alarm (Door Strike 2) When Door Opening Time Is Exceeded Timeout Relay Delay <input type="text" value="8"/> sec (1-90) <b>Note: Setting should not be changed while in operation</b>
	Language <input type="text" value="English"/>
	Webserver Port <input type="text" value="80"/> (80, 1025 - 65535)
	Web https Port <input type="text" value="443"/> (443, 1025 - 65535)
	<b>SSL protocol ≥</b> <input type="text" value="TLSv1.2"/> <b>2</b>
	Allowed IP <input checked="" type="radio"/> Disable <input type="radio"/> Enable * <input type="text"/> (e.g. 192.168.1.*)
	2-digit Duress Code <input type="text"/>
	Schedule reset <input type="text" value="02"/> : <input type="text" value="38"/>
	UPNP <input checked="" type="radio"/> Disable <input type="radio"/> Enable
	User Consent Message <input type="radio"/> Disable <input checked="" type="radio"/> Enable
	Consent display name <input type="text" value="ADP"/>
	<input type="button" value="Submit"/> <input type="button" value="Reset"/> <b>3</b>

## 3. Unregister the Device

- Navigate to **Access Client Setup**.
- Confirm **Device Status: Online**.
- Click **Unregister** to disconnect from the current AMS HTTP endpoint.

#### 4. Enter AMS AccessService HTTPS Endpoint

- In **Access Client Setup**, type the AMS HTTPS endpoint URL:  
https://<AMS server IP or domain name>/AccessServer/**AccessService.asmx**.
- Adjust **Interval (Seconds)** if needed (default: 10).
- Check the **AMS host offline network test** for network errors .

#### 5. Register the Device

- Click **Set**, then **Register**.
- Wait until the message **[Slave device registration succeeded...]** appears, indicating that the device has successfully registered with AMS.

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**Terminal**

- Log Off
- Terminal Status
- Add Record

**User Administration**

- Attendance Report
- Daily Report
- View Event Log
- Add Event Log
- View User List
- Add New User
- Departments
- User Messages
- Admin Setting
- Payroll Info

**Access Control**

- Access Groups
- Triggers
- Holidays Setting

**Terminal Settings**

- Terminal Setup
- WiFi Setup
- Authentication/Log Setup
- Terminal List
- Access Client Setup
- Door Open Schedule
- Bell Schedule
- Terminal Clock
- External Devices
- DDNS

### ACCESS Client Setup

Connection Type: Lan

Access Client: [Redacted]

Device Status: Unregistered

Server Status: Online

Endpoint URL: https://actatek-egs-dev001.com:8081/AccessServer/AccessService.asmx

Interval(Seconds): 10

Domain Name Enable:

AMS host offline network test:

Set Register

Last AMS host offline network test log

Error getting AMS URL test network log

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**Terminal**

- Log Off
- Terminal Status
- Add Record

**User Administration**

- Attendance Report
- Daily Report
- View Event Log
- Add Event Log
- View User List
- Add New User
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- Terminal Setup
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- Terminal List
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- Bell Schedule
- Terminal Clock
- External Devices
- DDNS

### ACCESS Client Setup

[slave device registration succeeded...]

Connection Type: Lan

Access Client: [Redacted]

Device Status: Registered

Server Status: Online

Endpoint URL: https://actatek-egs-dev001.com:8081/AccessServer/AccessService.asmx

Interval(Seconds): 10

Domain Name Enable:

AMS host offline network test:

Set Register

Last AMS host offline network test log

Error getting AMS URL test network log

## 6. Verify AMS Agent Services HTTPS Endpoint:

- <https://<AMS server IP or domain name>/AccessServer/AgentService.asmx>.
- Test by performing a Remote Door Open and verifying log synchronization.

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- Attendance Report
- Daily Report
- View Event Log
- Add Event Log
- View User List
- Add New User
- Departments
- User Messages
- Admin Setting
- Payroll Info

Access Control

- Access Groups
- Triggers
- Holidays Setting

Terminal Settings

- Terminal Setup
- WiFi Setup
- Authentication/Log Setup
- Terminal List
- Access Client Setup
- Door Open Schedule
- Bell Schedule
- Terminal Clock
- External Devices
- DDNS

Terminal

- Cloud Storage Service
- SMS Service
- Alert Log
- Syslog
- Firmware Upgrade
- Download Report
- Capture Picture
- Remote Door Open
- Reboot

### Terminal List

No.	Description	Type	Serial No.	IP Address	Camera	Door	Last Updated To Secondary	Backup
1	HKO_DEMO	Primary	00111DA1251E	192.168.111.17	Camera	Unlock Door	--	

### Server List

No.	Endpoint URL	Connection	Send Log Status	Last Updated Time	Profile
1	<a href="https://192.168.111.17/AccessServer/AgentService.asmx">https://192.168.111.17/AccessServer/AgentService.asmx</a>	Connected	Synchronized	Fri Apr 17 09:07:55 2026	No Profile available

Submit Delete Add Test Modern Connection

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## 7. Troubleshooting

- If the AMS Agent Services HTTPS endpoint is incorrect, it will cause the “Fail to send event logs” problem.
- To resolve this, log in to AMS and navigate to **System Settings → Edit/Delete Server → Edit**.
- Verify that the **Agent Server IP Address** and **Agent Server Port** are configured correctly:
  - **Agent Server IP Address:** https://<AMS Server IP> or domain name
  - **Agent Server Port:** 443

The screenshot displays the ACCESS MANAGER SUITE interface. At the top, there is a navigation menu with options: User Management, Access Control, Visitor Management, Guard Tour, Healthcare, Workforce Management, IoT Control, System Setting, and About. The user is logged in as 'admin'.

The main content area shows a table with columns: ID, Terminal Group, Server IP Address, Agent Server IP Address, Select Method, and Action. The table contains one entry for ID 1, Terminal Group 'amsdemo', Server IP Address '192.168.111.8', Agent Server IP Address 'https://actatek-sgo.sevehttp.com', and Select Method 'DEFAULT / DISABLE'. The Action column has links for 'Edit' and 'Delete'.

The 'EDIT / DELETE SERVER' dialog box is open, showing the 'Server Settings' for the 'amsdemo' terminal group. A warning message states: "At least one terminal has been registered with the Terminal Group [amsdemo]."

The settings are organized into sections:

- Terminal [Access Server] Settings:**
  - Terminal Group: amsdemo
  - Server IP Address: 192.168.111.8
- Date / Time Settings:**
  - Time Zone: (GMT +01:00:00) Amsterdam, CopenHagen, Madrid, Paris, Vilnius
  - Enable SNMP Server:
  - Type SNMP Server Here: [text input]
- Body Temperature Monitoring:**
  - High Body Temperature Threshold (C): e.g. 37.50
  - Value: 37.50
- Event Log Settings:**
  - Agent Server IP Address: https://192.168.111.8:443/ (highlighted with a red box)
  - Agent Server IP Address Port: 443 (highlighted with a red box)
  - Magic String: \*
  - End point URL: AccessServer/AgentService.asmx

At the bottom of the dialog, there is a dropdown menu set to "Not to Update to Terminals" and two buttons: "Update" (highlighted with a red box) and "Close".

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