Intelligent Solution Managing Automation

iSMA-B-AAC20

User Manual

Mail Service

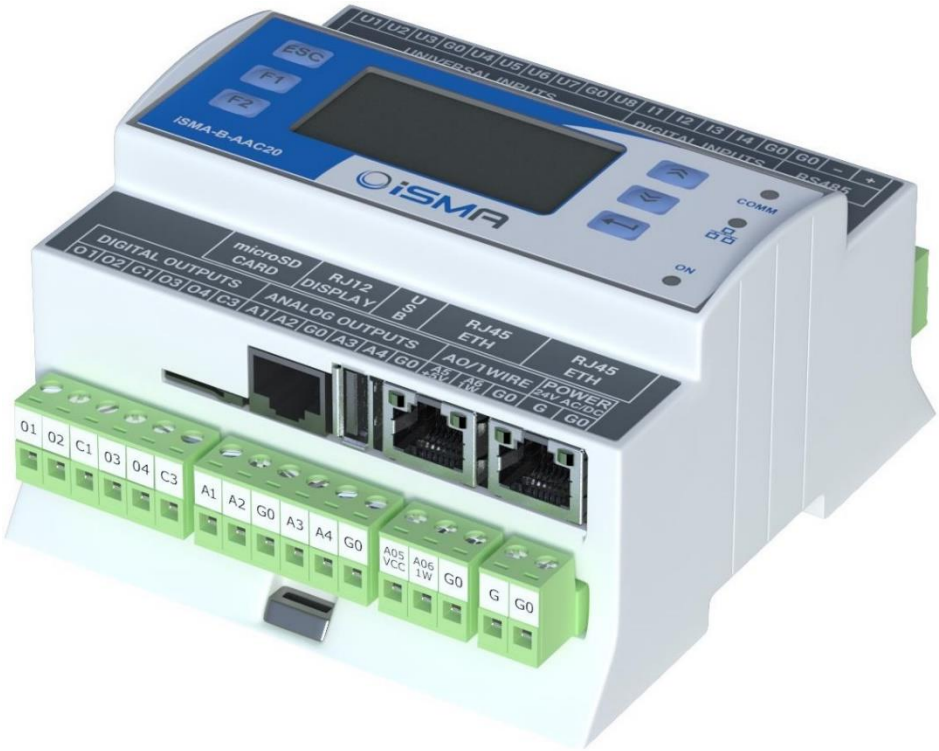

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Table of Contents

1. Introduction

This manual contains information about the iSMA MailService module in the AAC20 controller. The iSMA MailService module was developed in order to give User a possibility to send alarm notifications via E-mail. The iSMA MailService kit can be used in all AAC20 hardware versions with all firmware versions.

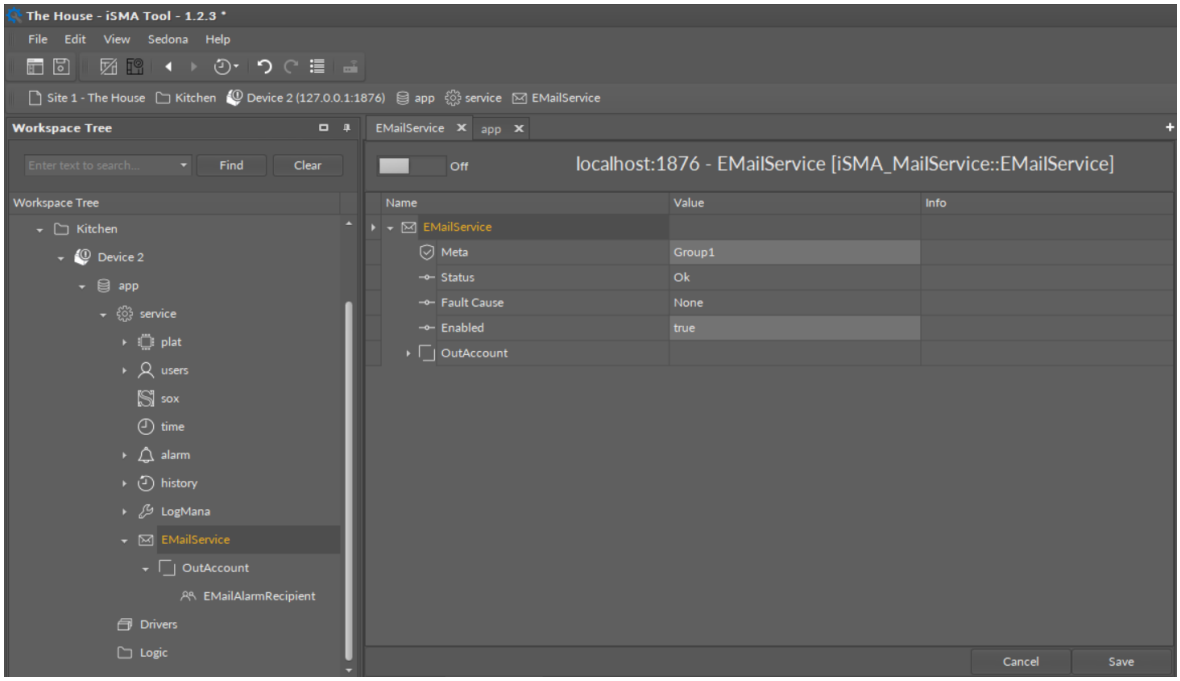

Figure 1. EMailService view

1.1. Revision History

Rev	Date	Description
1.0	23.02.2018	First edition
1.1	22.04.2020	Company data updated

Table 1. Revision history

2. Installing iSMA MailService Kit

To install the iSMA MailService kit, import the kit to the iSMA Tool software (possibly as part of the package of various kits in a zip file). In order to do this, use an application from the Sedona -> Import Sedona Files.

After a successful import of the files, upload them to the device using the Kit Manager Application from Sedona Tools package.

WARNING! Before programming the iSMA MailService, please check if the latest kit version is used. The latest kit is available at GC5 support web site: [www.support.gc5.pl.](http://www.support.gc5.pl)

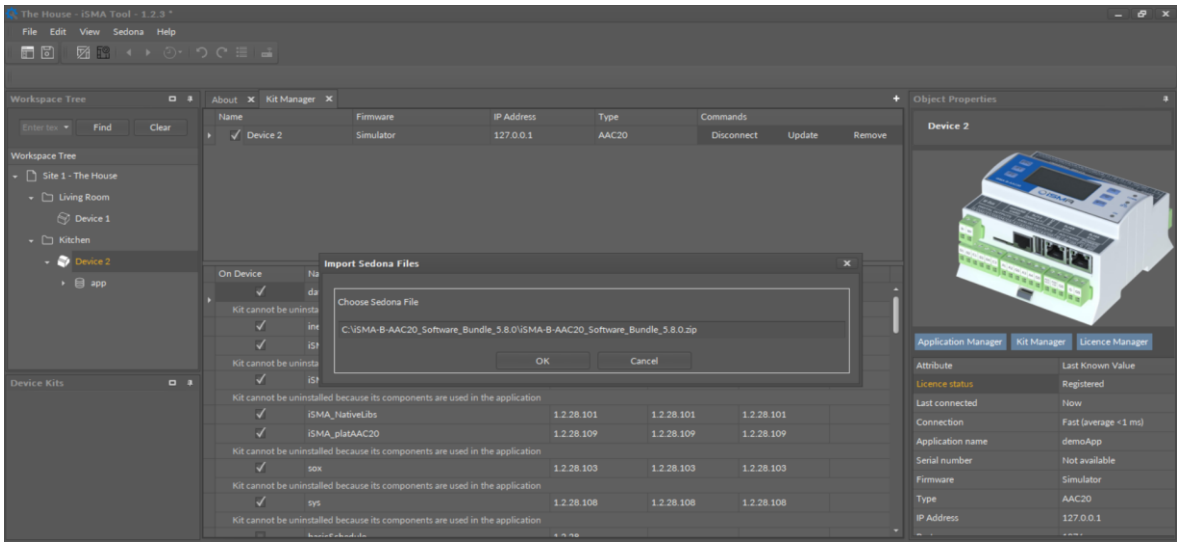

Figure 2. Import Sedona files view

2.1. Installing iSMA MailService Kit in AAC20 Controller

After a successful import of all packages, upload the files to your device using the Kit Manager tab, available from the Object Properties window or at the right-click on the device name in the iSMA Tool Tree window.

To install a selected kit:

Step 1: Open the iSMA Tool, connect to the device, and go to the Kit Manager tab, available from the Object Properties window or at the right-click on the device name in the Workspace Tree window;

Step 2: Select the iSMA MailService kit, then click the Update command as per the Figure 3;

Step 3: The component is installed successfully.

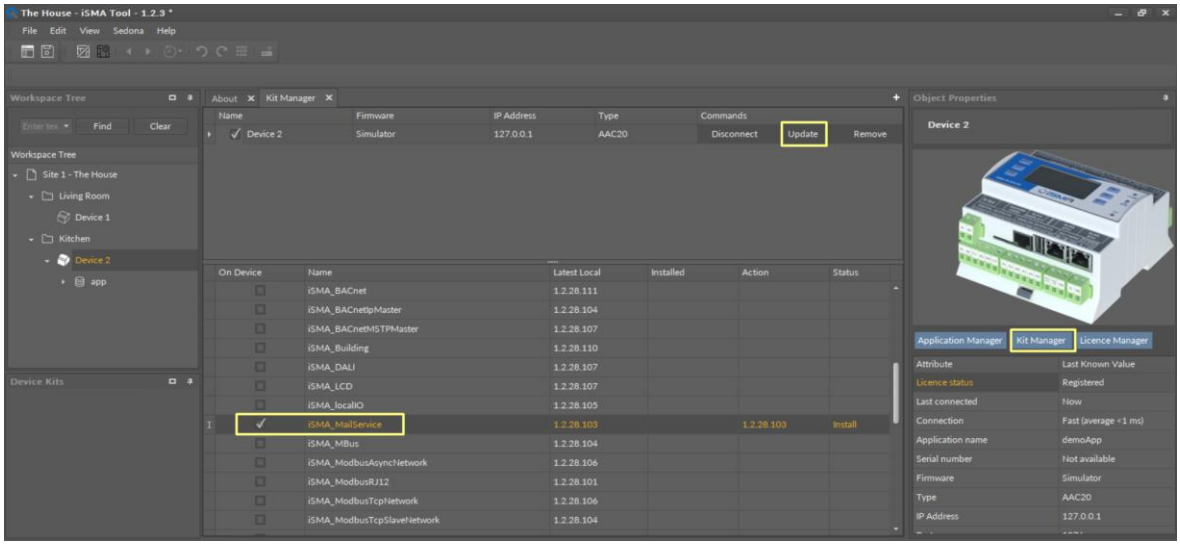

Figure 3. Installing the iSMA MailService in the Kit Manager

2.2. Removing iSMA Mail Service Kit from AAC20 Controller

To remove the selected kit:

Step 1: Open the iSMA Tool, connect to the device, and remove all iSMA MailService kit's components from the application;

Step 2: Go to the Kit Manager tab, available from the Object Properties window or at the right-click on the device name in the Workspace Tree window;

Step 3: Uncheck the iSMA MailService kit, then click the Update command;

Step 4: Components uninstallation was successful.

3. MailService Kit Components

The iSMA MailService module consists of three components:

- Email Service: Main component;
- Out Account: Defines e-mail server account credentials;
- Email Alarm Recipient: Defines e-mail recipients.

All three components should be located in a service branch one under another as per the figure below:

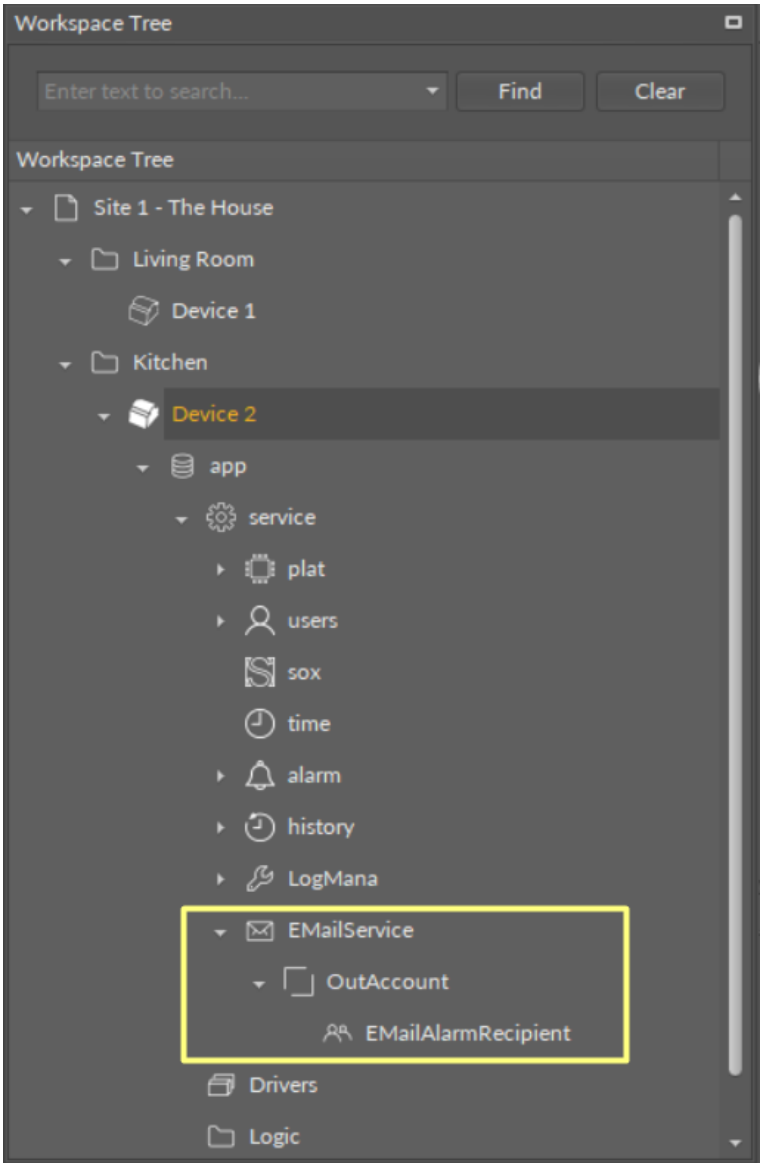

Figure 4. Placing MailService components view

To create a new e-mail service select the EMailService component from the Device Kits window, drag and drop it to the Workspace Tree, Device > app > service. In “Enabled” slot choose “true”. To configure the parameters for a sending account, add an OutAccount component (by drag-and-drop from the Device Kits window) to the previously added EMailService component. To configure the recipient’s account parameters, add EMailAlarmRecipient component (by drag-and-drop from the Device Kits window) to the previously added OutAccount component. Fill in a “To address” slot with an e-mail address, which the messages will be sent to. Change an “Enabled” slot to “true”. To ensure proper working of the service, the controller must be connected to the internet.

Note: Only non-encrytpted e-mail server shall be used to send out alarm messages. Recommended servers are: http://www.lycos.com (64.98.36.139) or http://mail.mosk.ru

(195.19.71.19). Fill in the account and password slots according to previously created credentials on the e-mail server.

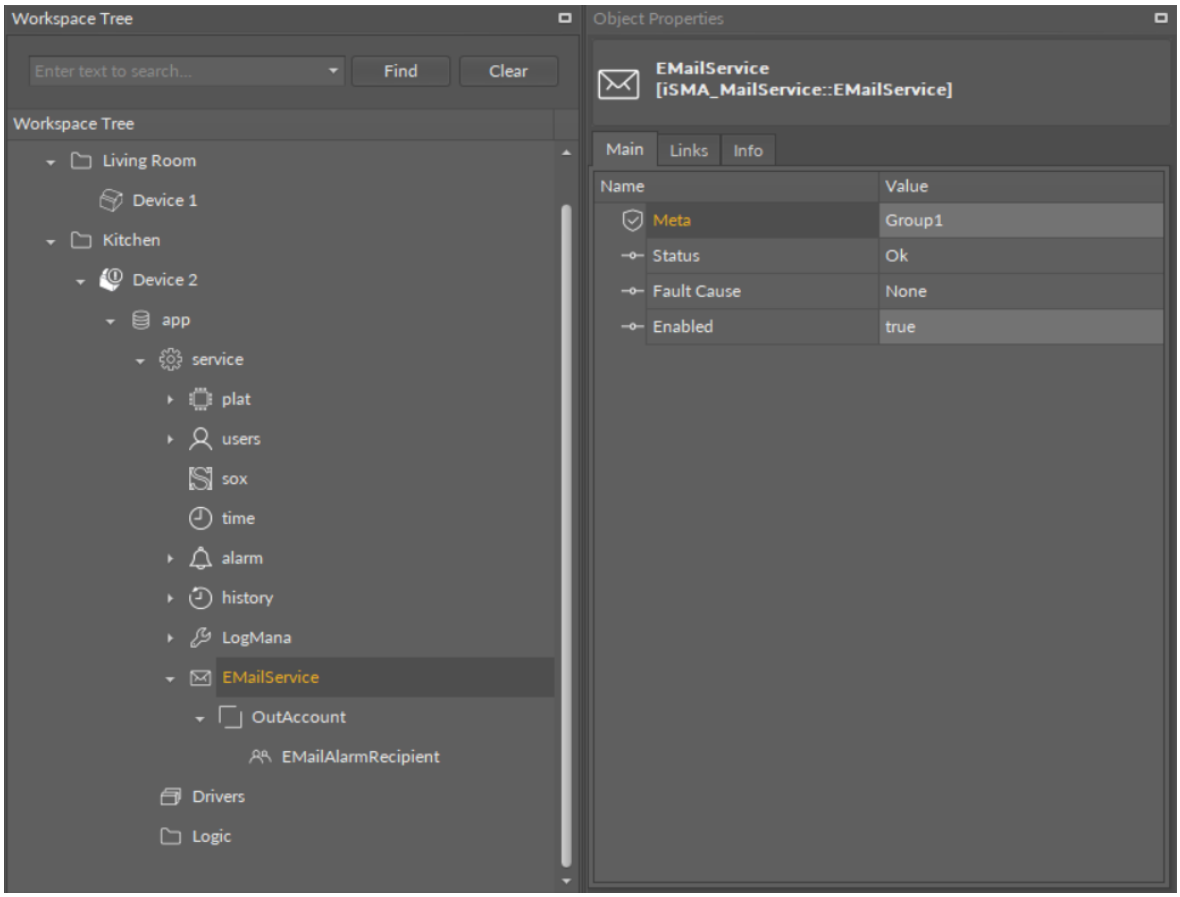

Figure 5. iSMA MailService components view

3.1. EMailService Component

The EMailService component has the following slots:

- Status: Component's status, available statuses:
  - OK: Service is working properly,
  - Disabled: Service is disabled (Slot "Enable" is in false);
- Fault Cause: Fault cause description:
  - None: Service is working properly,
  - Duplicate network: More than one E-mailService component is added to the controller;
- Enabled: Switches the EMailService component on/off.

3.2. OutAccount Component

The Out Account component has the following slots:

- Status: Component's status, available statuses:
  - OK: Component is working properly,
  - Disabled: Component is disabled (Slot "Enable" is in false);
- Fault Cause: Fault cause description:
  - None: Service is working properly,
  - Not in network: The component is not placed under the EMailService component;
- Enabled: Switches the component on/off;
- Hostname or IP: Server IP address or hostname;
- Port: Selection of the port;
- Account: Account name on the e-mail server;
- Password: Account password on the e-mail server;
- Last Send Success: Date and time of a last successful notification action;
- Last Send Failure: Date and time of a last unsuccessful notification action;
- Connection timeout: Time value which restricts maximum connection time;
- Use Authentication: Activation of the authentication:
  - True: Active authentication process,
  - False: Inactive authentication process;
- Send From Name: Sender name;
- Send From Address: Sender e-mail address;
- Number Sent: Quantity of sent e-mail notifications.

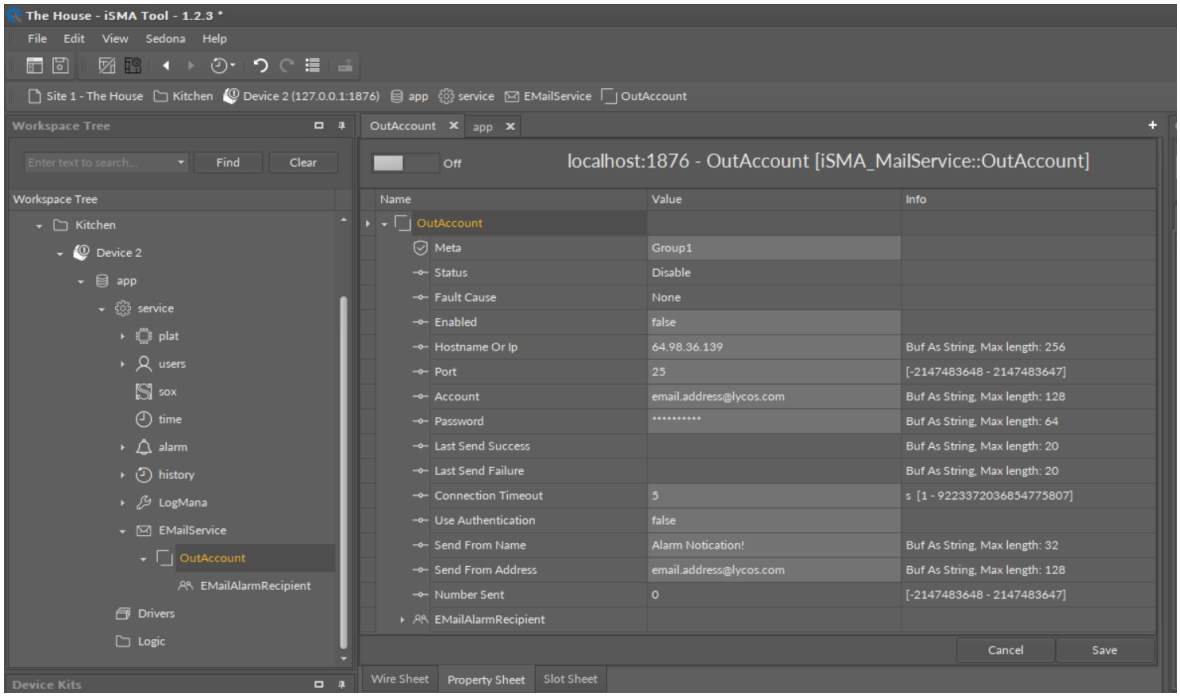

Figure 6. OutAccount component Property Sheet view

3.3. EMailAlarmRecipient Component

The EMailAlarmRecipient component has the following slots:

- **Status:** Component's status, available statuses:
  - **OK:** Component is working properly,
  - **Disabled:** Component is disabled (Slot "Enable" is in false);
- **Fault Cause:** Fault cause description;
- **Enabled:** Switches the component on/off;
- **To Address:** First recipient's e-mail address;
- **Cc Address:** Carbon copy recipient's e-mail address;
- **Bcc Address:** Blind carbon copy recipient's e-mail address;
- **Alarm Class To Send:** Restriction by alarm class:
  - **Any (default):** All alarms will be sent regardless of their classes,
  - **Life Safety:** Only alarms with the Life Safety class will be sent,
  - **Critical:** Only alarms with the Critical class will be sent,
  - **Maintenance:** Only alarms with the Maintenance class will be sent;
- **Subject:** Subject for recipient's message;
- **Source Name:** Source name information for the recipient's message;

- **Source Path:** Source path information for the recipient's message;
- **Update Time:** Date and time of the alarm event;
- **Value:** Alarm value which caused the event;
- **Alarm Class:** Alarm class information for the recipient's message;
- **Alarm State:** State of alarm value;
- **Alarm Message:** Additional text information for the recipient's message;
- **Alarm Db Status:** Alarm database status information.

Note: In order to send out alarm notifications the iSMA-B-AAC20 controller needs to be be equipped with a memory SD card.

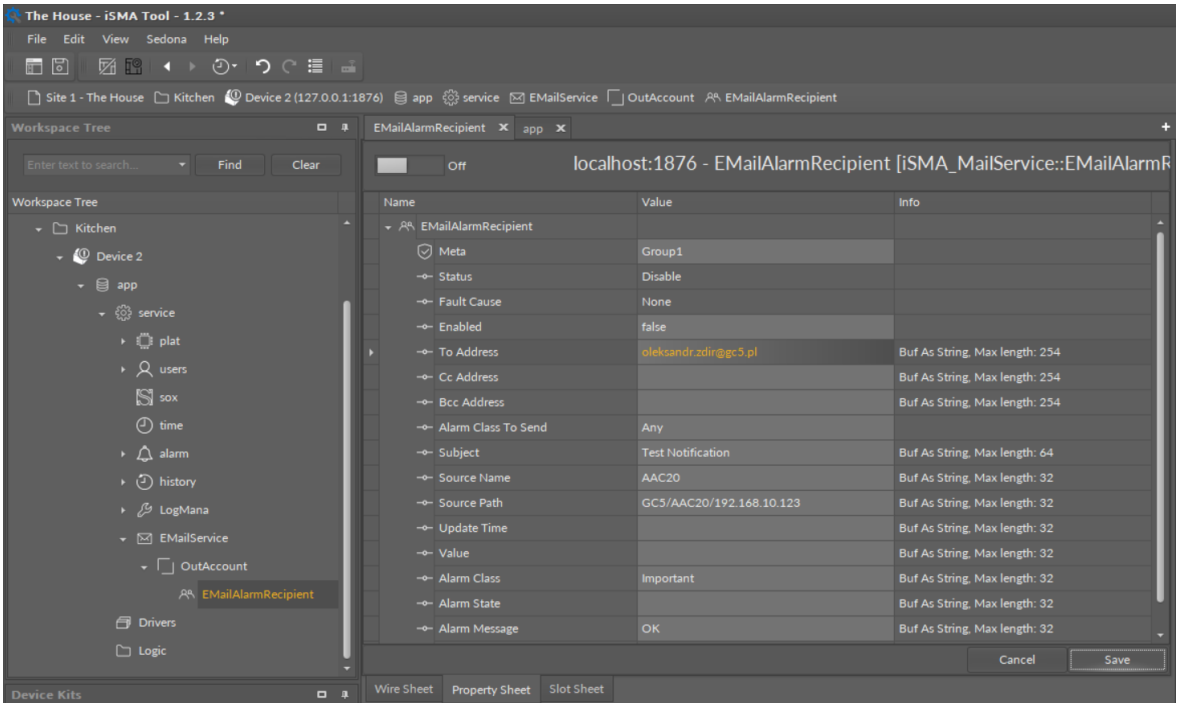

Figure 7. EMailAlarmRecipient component Property Sheet view

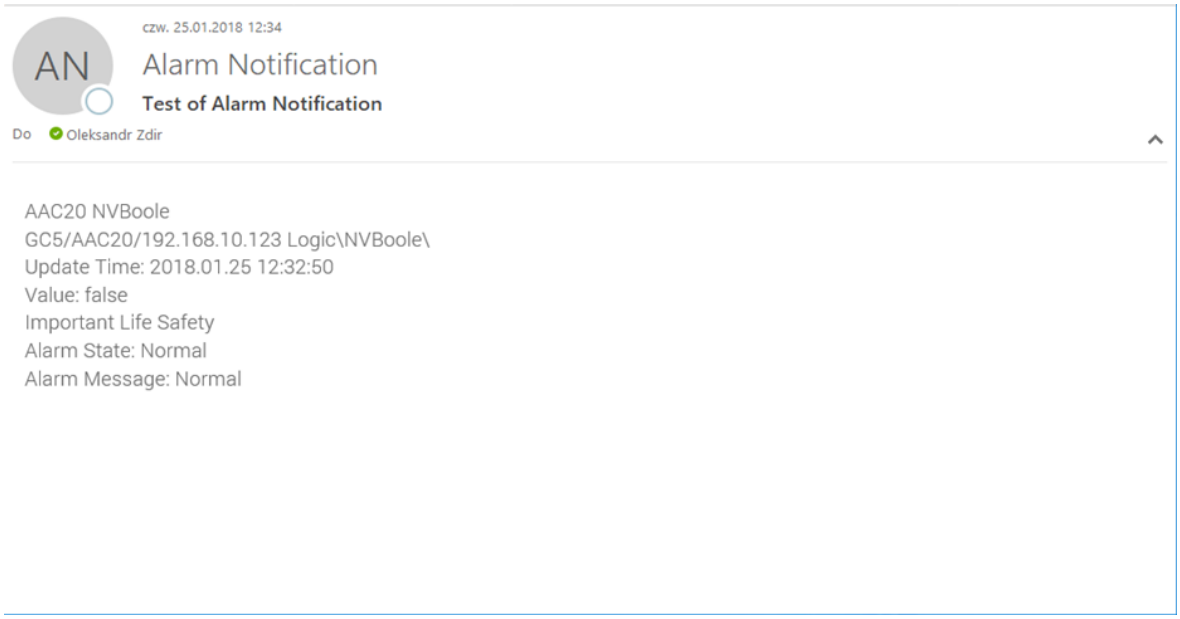

Figure 8. EMail Alarm Notification example