Advantech AE Technical Share Document

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Category	■ FAQ □ SOP	Related OS	Microsoft Windows7
Abstract	How to Customize WebAccess Alarm Email Subject and Content		
Keyword	WebAccess, Alarm Email		
Related Product	N/A		

■ **Problem Description:**

Email notification of Alarms is a standard feature in Advantech WebAccess SCADA, and both digital and analog tags can be individually selected to generate an alarm email. The following is an example of analog tag High High, High, Low and Low Low Alarm Limit.

But there is a limitation of alarm email that user won't be able to customize email subject and content format. When user receives email, the standard format always confused users. Format as follows:

- Title: tag name – tag type – alarm type with alarm limit
- Content: alarm type with alarm limit – tag type

Email sample:

40001 - Analog Output - High-High Alarm (73.20) - High-High Alarm (73.20) Analog Output

Customer would like to know how to have customize alarm title and content

■ **Solution:**

1. WebAccess version: for V8.1 2015.08.05 or earlier version

2. This request can be achieved by using script with a bat file.
   Structure: tag alarm property -> call script -> script run WINEXEC to call bat file

3. Create a bat file to call WebAccess email function

4. Email function contains 8 configurations:
     i. WebAccess email function : bwblcmd.exe in c:\webaccess\node
    ii. -body : Alarm Email Content
   iii. - to : Alarm Email to
    iv. Subject : email title
     v. -server : Outgoing (SMTP) Server
    vi. -f : email from
   vii. -u : email account name
  viii. -pw : email account password

Note: all commands must be in the same line →

```
email.bat - 記事本

檔案(F)  編輯(E)  格式(O)  檢視(V)  說明(H)

c:\webaccess\node\bwblcmd.exe
-body "body part of testing alarm email"
-to alger.tan@gmail.com
-subject "test alarm email"
-server mail.advantech.com.tw
-f alger.tan@advantech.com.tw
-u alger.tan
-pw xxxxxxxx
```

5. Run a script when alarm is triggered
   Structure: tag Property -> Alarm Property -> Media File -> run a script (e.g. email.scr)

Alarm Data	Log Only ☐	Send Email ☐	Send SMS ☐	Play Voice ☐	Media File (
Associate Tag Name					
HH Priority 5 ▾	Log Only ☐	Send Email ☐	Send SMS ☐	Play Voice ☐	Media File email.scr
HH Alarm Limit 60					

6. Script call WINEXEC command (use a TCLScript as an example)
   WINEXEC: Executes a program from the Windows program
   Syntax: **WINEXEC** *path\\program_name*

   Example:

```
Script File:  email                            ▾            New

  ⊙ TclScript    ○ VBScript    ○ JScript

WINEXEC C:\\WebAccess\\Node\\alarm_scada\\bgr\\email.bat
```

7. Trigger alarm and successfully receive the email
   Email sample: