≡scannexⅢ

ip.buffer Script Extension

CS1000 E911 & PBX Alarm Notifications

In addition to CDR collection the ip.buffer can collect CS1000 PBX alarms and E911 real-time OSN records and deliver directly to an alarm server for central processing.

For a low cost server-less solution Scannex can provide a Lua script to email alerts directly to a list of email addresses in a form suitable for display on a smart phone.
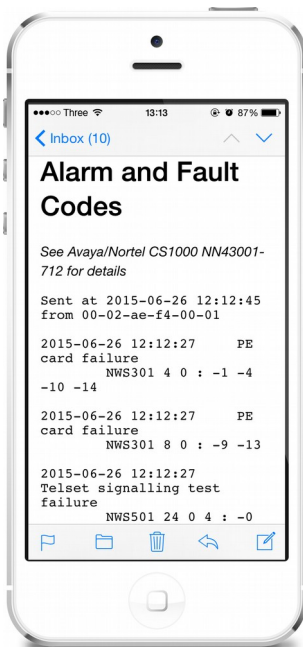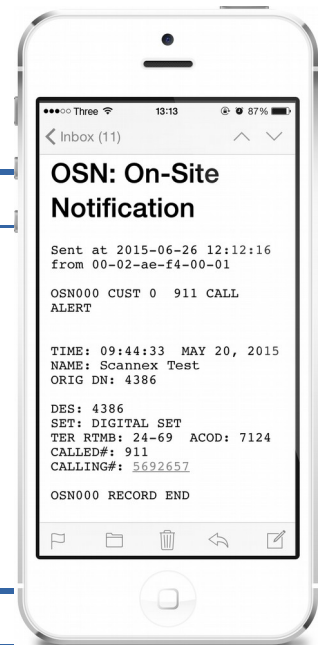
The user script can be edited to select the required functions.

E911 Notification

The ip.buffer can capture the CS1000 Emergency Services Access OSN records as the call is dialled and produce emails that can be handled with mobile devices.

The OSN ticket is sent without modification – so you have the complete data.

In addition to email alerts, the ip.buffer can also generate SNMP Traps.

```
●●●○○ Three 📶      13:13      🔆 🔋 87% ▰
‹ Inbox (11)                    ∧  ∨

OSN: On-Site
Notification

Sent at 2015-06-26 12:12:16
from 00-02-ae-f4-00-01

OSN000 CUST 0  911 CALL
ALERT

TIME: 09:44:33  MAY 20, 2015
NAME: Scannex Test
ORIG DN: 4386

DES: 4386
SET: DIGITAL SET
TER RTMB: 24-69  ACOD: 7124
CALLED#: 911
CALLING#: 5692657

OSN000 RECORD END

🏳  📁  🗑  ↩  ✏
```

```
●●●○○ Three 📶      13:13      🔆 🔋 87% ▰
‹ Inbox (10)                    ∧  ∨

Alarm and Fault
Codes

See Avaya/Nortel CS1000 NN43001-
712 for details

Sent at 2015-06-26 12:12:45
from 00-02-ae-f4-00-01

2015-06-26 12:12:27      PE
card failure
      NWS301 4 0 : -1 -4
-10 -14

2015-06-26 12:12:27      PE
card failure
      NWS301 8 0 : -9 -13

2015-06-26 12:12:27
Telset signalling test
failure
      NWS501 24 0 4 : -0

🏳  📁  🗑  ↩  ✏
```

PBX Alarms

The ip.buffer can process text alarms from the CS1000 and will filter PBX Fault Codes that are "Critical to Monitor", or "Critical or Major in severity", to produce emails that can be handled with mobile devices.

The user script can be configured to filter/add alarms from the default list and provide IPMG identification.

In addition to email alerts, the ip.buffer can also generate SNMP Traps for the PBX fault codes.

ip.buffer options:

ip.1-32 Can send: *either* E911/OSN *or* PBX email notifications *or* deliver raw data E911/OSN & PBX alarm traps

ip.4-128 Can send: E911/OSN email notifications and traps
PBX alarm email notifications and traps
Raw E911/OSN **and** Alarm **and** CDR data to separate destinations

Please contact Scannex for further information and script license options