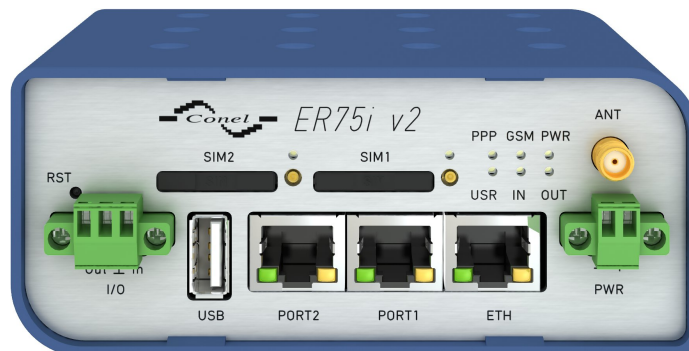


User Module

pduSMS

APPLICATION NOTE



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Used symbols



Danger – Information regarding user safety or potential damage to the router.



Attention – Problems that may arise in specific situations.



Information or notice – Useful tips or information of special interest.



Example – example of function, command or script.



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1. Description of user module



User module *pduSMS* is not contained in the standard router firmware. Uploading of this user module is described in the Configuration manual (see [1, 2]).



The user module is v2 and v3 router platforms compatible.

This user module allows the router and its users to send short text messages (SMS) to the selected number. Unlike the router's standard *Send SMS* function (in the *Administration* section of the web configuration), this module can send long SMS – messages longer than standard of 160 characters.

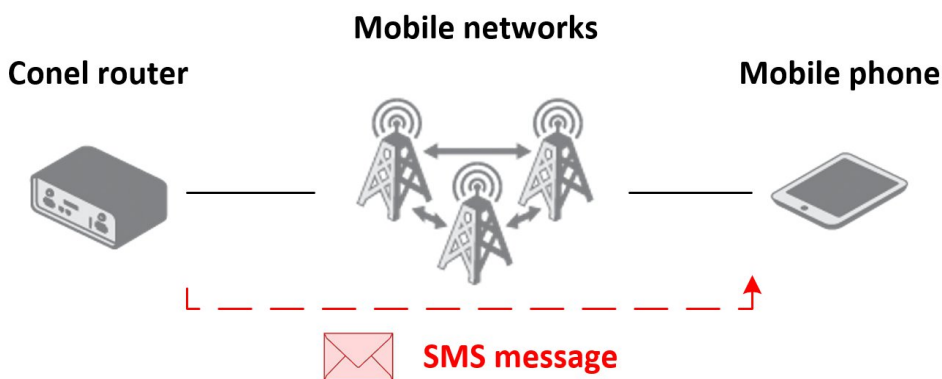


Figure 1: Example diagram

PduSMS module has a web interface which can be invoked by pressing the module name on the *User modules* page of the router web interface. The left part of the web interface (ie. menu) contains only the *Return* item, which switches this web interface to the interface of the router. In the right part is a form for sending SMS messages. It is necessary to enter a phone number to the *Phone Number* box and text of your message to the *Message* box.

pduSMS

The screenshot shows the web interface for the pduSMS module. On the left is a sidebar menu with 'Customization' and 'Return' (highlighted in blue). The main area is titled 'Send SMS' and contains a form with two input fields: 'Phone number' and 'Message'. Below these fields is a 'Send' button.

Figure 2: Web interface

Messages can be sent not only via mentioned graphical user interface, but also in text mode. To command line enter `/opt/pduSMS/bin/pduSMS` followed by up to 20 telephone numbers separated by a space. Finally enter the desired text in english quotation marks.

Example: `/opt/pduSMS/bin/pduSMS 737123456 604789000 "Message text"`

2. Recommended literature

- [1] Advantech B+B SmartWorx: **v2 Routers Configuration Manual** (MAN-0021-EN)
- [2] Advantech B+B SmartWorx: **SmartFlex Configuration Manual** (MAN-0023-EN)
- [3] Advantech B+B SmartWorx: **SmartMotion Configuration Manual** (MAN-0024-EN)
- [4] Advantech B+B SmartWorx: **SmartStart Configuration Manual** (MAN-0022-EN)
- [5] Advantech B+B SmartWorx: **ICR-3200 Configuration Manual** (MAN-0042-EN)



Product related documents can be obtained on *Engineering Portal* at <https://ep.advantech-bb.cz/> address.