



Snell
Advanced
Media

User Manual

RollTrack

Command Line Interface

Information and Notices

Copyright and Disclaimer

Copyright protection claimed includes all forms and matters of copyrightable material and information now allowed by statutory or judicial law or hereinafter granted, including without limitation, material generated from the software programs which are displayed on the screen such as icons, screen display looks etc.

Information in this manual and software are subject to change without notice and does not represent a commitment on the part of SAM. The software described in this manual is furnished under a license agreement and can not be reproduced or copied in any manner without prior agreement with SAM, or their authorized agents.

Reproduction or disassembly of embedded computer programs or algorithms prohibited.

No part of this publication can be transmitted or reproduced in any form or by any means, electronic or mechanical, including photocopy, recording or any information storage and retrieval system, without permission being granted, in writing, by the publishers or their authorized agents.

SAM operates a policy of continuous improvement and development. SAM reserves the right to make changes and improvements to any of the products described in this document without prior notice.

Contact Details

Customer Support

For details of our Regional Customer Support Offices please visit the SAM web site and navigate to Support/Contact Support.

www.s-a-m.com/support/contact-support/

Customers with a support contract should call their personalized number, which can be found in their contract, and be ready to provide their contract number and details.

Contents

- Information and Notices** **2**
 - Copyright and Disclaimer 2
 - Contact Details 2

- 1. RollTrack** **4**
 - 1.1 Introduction 4
 - 1.2 Opening the Command Line Interface 4
 - 1.3 Usage 4
 - 1.4 Output 6
 - 1.5 Examples 6

1. RollTrack

1.1 Introduction

The RollTrack command line interface provides a simple command line interface for sending unconnected RollTrack commands to any RollCall compatible unit on the network.

1.2 Opening the Command Line Interface

The rolltrak.exe file is located in the RollCall Suite installation directory.

To execute commands via the RollTrack Command Line Interface, do one of the following:

- Open a Command Window and navigate to the RollCall Suite installation directory. For example, at the command prompt type, `cd C:\Program Files\SAM\RollCallSuite`
- From the Windows Start menu, select Start > All Programs > SAM > RollCall > Command Line RollTrack

```
Administrator: Command line RollTrack
rolltrak -l C:\logfile.txt PRETTY @C:\commandfile.txt
    Using '127.0.0.1' as the IP address and 2050 as the IP port, execute the
    command file 'commandfile.txt'.
    Append the results to 'logfile.txt' and align all columns.
rolltrak -a 192.19.81.51 -l C:\logfile.txt OVERWRITE 1646100000:08:00?
    Using '192.19.81.51' as the IP address, retrieve the serial number of a
    gateway card located at RollCall address 0000:08:00.
    Output the result to 'logfile.txt', overwriting any existing content.
rolltrak -a 192.19.81.51 REPORTFAILURE 1714000000:08:00="Information One"
    Set the Misc Information 1 command of a gateway card to the value 'Infor
    mation One' and report any failure to the console.
rolltrak -a 192.19.81.51 1638600000:08:00=4
    Set the serial speed of a gateway card to 38400 hps. Do not report succe
    ss or failure.

Example command file
; get serial number, hardware version, software version and build number of gate
way.
1646100000:08:00?
1661400000:08:00?
1641000000:08:00?
1661600000:08:00?

C:\Program Files (x86)\Sne11\RollCallSuite>
```

1.3 Usage

RollTrack commands can be in one of two forms:

- `rolltrak <global_options> <command_options> <command>`
- `rolltrak <global_options> @<commandfile>`

Global Options

[HELP]	Print the help information.
[-a address]	The IP address to connect to (default=127.0.0.1).
[-p port]	The IP port to use (default=2050).
[-l logfile]	A fully qualified path to a log file, to which output will be sent. Enclose the path in quotes if it contains spaces. If the log file does not exist it will be created.
[OVERWRITE]	The contents of the log file will be overwritten with the new output (default is append).
[PRETTY]	All output columns are aligned by padding field contents with spaces (default is no alignment).
[REPORTFAILURE]	Report failure of Set commands (applies to console output only).
[REPORTSUCCESS]	Report success of Set commands (applies to console output only).

Command Options

[-w delay]	Delays the transmission of the command by DELAY milliseconds.
[WAIT delay]	Legacy version of the above.

Command

There are two types of command:

cmdnum@rollcalladdress?	Get the current value of the command number for the specified unit or module.
cmdnum@rollcalladdress=value	Set the value of the command number for the specified unit or module.

The elements of a command are:

cmdnum	A decimal value in the range 1 to 65535.
rollcalladdress	The standard RollCall address of a unit or module in the form NNNN:UU:PP.
value	Either a decimal or quoted string (maximum 19 characters).

Command File

A fully qualified path to a command file. Enclose the path in quotes if it contains spaces.

Each line of a command file may contain:

```
<command_options> <command> | <comment>
```

A comment is a line starting with a semicolon. Comment lines do not perform any action.

1.4 Output

The output for each command is a sequence of tab separated fields. The order and meaning of each field is as follows:

Timestamp	HH:MM:SS
Pkt	Get or Set
IP Address	The IP address
Port	The IP port
RAddress	The RollCall address (NNNN:UU:PP)
Command	The command number
Numeric	The numeric value of the command (if present)
String	The string value of the command (if present)
Status	One of OK, FAIL, INVALID
Info	Additional information in the case of FAIL or INVALID

1.5 Examples

Example Commands

```
rolltrak -l C:\logfile.txt PRETTY @C:\commandfile.txt
```

Using '127.0.0.1' as the IP address and 2050 as the IP port, execute the command file 'commandfile.txt'. Append the results to 'logfile.txt' and align all columns.

```
rolltrak -a 192.19.81.51 -l C:\logfile.txt OVERWRITE
16461@0000:08:00?
```

Using '192.19.81.51' as the IP address, retrieve the serial number of a gateway card located at RollCall address 0000:08:00. Output the result to 'logfile.txt', overwriting any existing content.

```
rolltrak -a 192.19.81.51 REPORTFAILURE
17140@0000:08:00="Information One"
```

Set the Misc Information 1 command of a gateway card to the value 'Information One' and report any failure to the console.

```
rolltrak -a 192.19.81.51 16386@0000:08:00=4
```

Set the serial speed of a gateway card to 38400 bps. Do not report success or failure.

Example Command File

```
; get serial number, hardware version, software version and build
number of gateway.
16461@0000:08:00?
16614@0000:08:00?
16410@0000:08:00?
16616@0000:08:00?
```