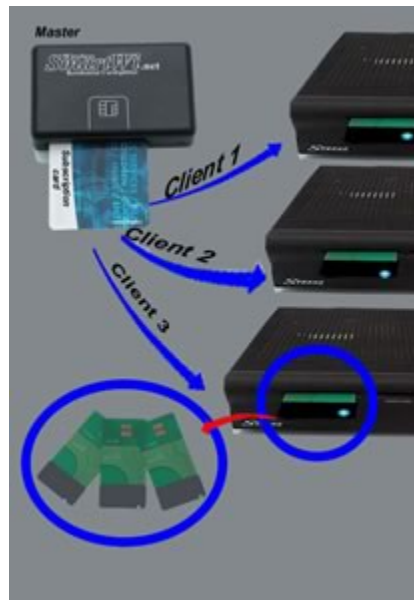# *SmartWi*

Logger manual

Date: 2007-01-19
Version: 1.02
Firmware: 2.15 ->

SmartWi Logger

The SmartWi Logger is a USB based tools, which makes it possible to record the communication between Master box and Client cards and between Master box and the inserted subscription smartcard.

Before you use the Logger tool, you must upgrade to the newest Windows driver (2005.05.18) for SmartWi. Just use Windows Explorer to copy

```
smartwi.sys -> c:\Windows\system32\drivers
```

and then select to replace the old driver.

1. Download the latest SmartWi Debug (Logger) firmware (2.15 or newer)
2. Upgrade all Client cards, according to the normal upgrade procedures
3. Insert your subscription card into the Master box.
4. Start '**SmartWi Logger**'
5. Please verify if **SmartWi Logger** is running properly. Take the smartcard out and insert it again. The counter after the stopwatch must then increase to 32, as shown on following figure:

6. Continue logging until the 'problematic' sequence has been recorded.
7. Press <q> to stop **SmartWi Logger**.
8. Send the log-file(s) to SmartWi Development for analysis (freddy@smartwi.net)

Important notes

- Do NOT start the **SmartWi Logger** before the smartcard has been inserted.
- Do NOT use **SmartWi Display** while using **SmartWi Logger**.
- Please make sure that all Client cards are stopped before the Master box is started/restarted.

When the Client cards are started, they are numbered 0, 1, 2 etc. in that order they are inserted. Please write down on which receivers the Client cards are used:

    0: Living room   Philips DSR-2101
    1: Kitchen   Sagem 6280
    2: Sleeping room   Sagem ITD-62

It will make it easier to identify which specific receiver causing the problems.