

## Special issue : instrumentation Products

### DataMUX : a user-friendly configuration tool

DataMUX is an easy-to-use PC software designed to setup and maintain NSI products. An intuitive wizard guides the user to :

- simply edit and download the configuration parameters in the connected device, only by referring to your functional needs, not to the knowledge of the way it works inside,
- update the firmware in order to keep your product up to date,
- provide you with a clear identification of the device reference and version.

#### A single Interface to manage all your products:

DataMUX is currently available for Bi-CAN I/O, MUXy diag and MUXlog. Support of other NSI products will be also shortly available.

### A specific product for each of your needs

Our products range has been widely extended these last years as the result of both our commitment in self R&D and a resolute policy of business partnership with companies like Ipetronik, Softing, Vector or Volcano.

#### Highlights on few NSI products

**MUXy light** – Simply connect your PC to a CAN bus – **MUXy light**



**MUXy** – Plug your PC to the OBD connector and access vehicle networks - **MUXy**



**MUXy Diag** – Perform easy car diagnosis - **MUXy Diag**

MUXy Diag allows autonomous implementation of diagnosis request scripts and transmits the selected data to the tool it is connected to : MUXlog, on-board logger, CANalyzer ...



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**Bi-CAN I/O MUXlab** – Quickly prototype any CAN multiplexed function by using Matlab/Simulink® models. - **Bi-CAN I/O MUXlab**

**Bi-CAN I/O** – The gateway between analog/digital signals and CAN buses - **Bi-CAN I/O**



**MUXlog** – Convenient recording of vehicle networks – **MUXlog**  
Also use it with Ipetronik Modules for extensive vehicle instrumentation



## MUXlog : Last news

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The MUXlog has been upgraded and is now referenced as *MUXlog R* :  
It integrates henceforth useful additional features such as :

- a larger pretrig/posttrig memory, now doubled,
- an internal clock wake-up function,
- the CAN High Speed wake-up.
- a power output, to be used to supply another device for example.

Most of existing features have also been improved, including the start-up time now reduced to 100 ms (after activation of the +Wake-up input) and the continuous recording mode (round buffer). Each device is able to record up to 4 CAN channels.

## We will meet you soon ...

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In January 2006, we will be pleased to meet you at the European congress:

**ERTS 2006**  
EMBEDDED REAL TIME SOFTWARE  
25, 28 et 27 January 2006  
Toulouse

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On January 26<sup>th</sup>, NSI, together with RENAULT, will present a conference titled  
**"Network for multimedia applications"**

Please feel free to visit our website [www.nsi.fr](http://www.nsi.fr), section news/newsletters to consult former issues.

