

Software Components Support the LIN Standard 2.1

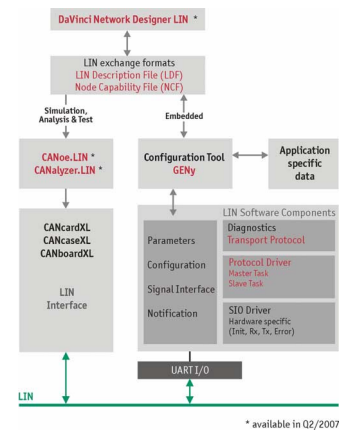
CANbedded LIN by Vector uses the latest standard

Stuttgart, 03/23/2007 – Effective immediately, the LIN software components of Vector support the new LIN standard 2.1. This makes it possible to create control units according to the new LIN specification. Vehicle manufacturers and suppliers profit from the new functions and simplified integration of software components in their control units.

Because many improvements and expansions were introduced with the new LIN specification, it pays to use the new software components for the control unit developer. For example, it is now standardized how a Master communicates on multiple LIN busses and how it can unambiguously reference signals as well as messages.

An additional important expansion is the improved dynamic configuration of the Slave control units, which leads to a reduced configuration time during the system start. The LIN transport protocol now allows functional addressing. For improved activation of the LIN transceiver the LIN application programming interface (API) was expanded.

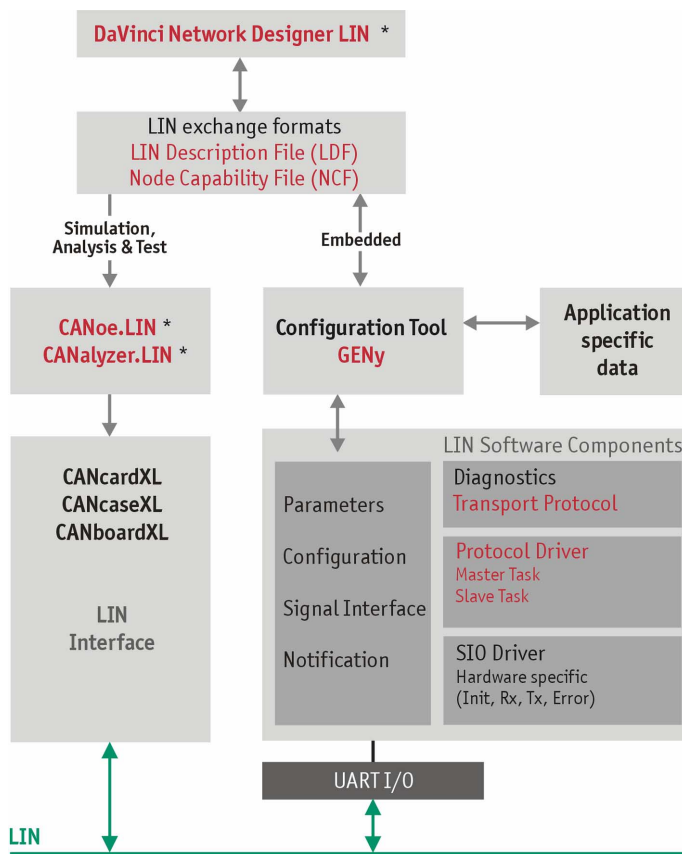
In order to support the new functions, the exchange formats LDF and NCF were revised by the LIN consortium. The GENy tool, which is offered by Vector to configure



software components, already processes the expanded formats.

It is possible to use LIN 2.1 control units in mixed operations together with older versions. Older LIN Slaves (V1.3 or V2.0) communicate smoothly with a LIN 2.1 master. If dynamic configuration is not required, a LIN 2.1 Slave can also be activated by a LIN 2.0 Master.

In addition to the software components, Vector will also support the new standard LIN 2.1 with the test and analysis tools CANoe and CANalyzer as well as the design tool DaVinci Network Designer LIN. The new tool versions are expected to be available in the second quarter of 2007.



* available in Q2/2007

[Figure: Varied support of LIN 2.1 in a continuous tool chain]

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