



Overview

- Progress in Automotive Electronics and its Impacts on Networking
- LIN Consortium
- LIN Concept
 - Physical Layer
 - Data Link Layer
 - LIN Network
 - LIN Tools



Aim of LIN

- Open Standard
- Easy To Use
- Components available today
- Cheaper than CAN or J1850



Benefits of LIN

- More Reliable Cars (Diagnostics)
- More Functionality at Lower Price
- Standardization of Interfaces and Components
- Faster Introduction of new Technologies
- Functional Extendibility

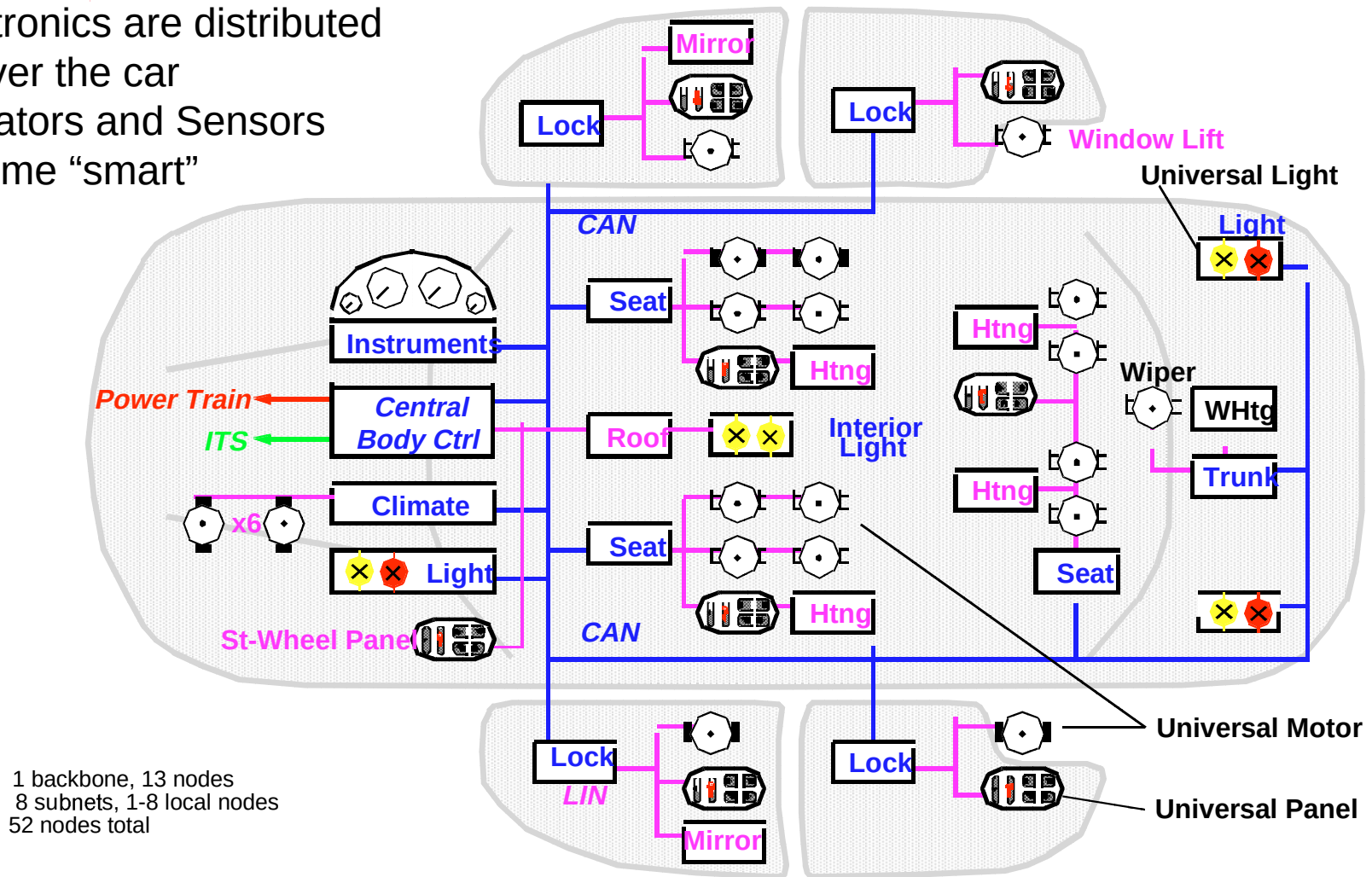
Today's Situation

- Distributed Electronics is finding its way into cars as comfort and number of features increase.
 - Body Electronics
 - Powertrain
 - Chassis & Safety
- This calls for different flavors of communication solutions.



Automotive Body Network

- Electronics are distributed all over the car
- Actuators and Sensors become “smart”



March 2000

Introduction to Local Interconnect Network (LIN)
Hans-Chr. v. d. Wense, Motorola

以上内容仅为本文档的试下载部分，为可阅读页数的一半内容。如要下载或阅读全文，请访问：<https://d.book118.com/837023032146006112>