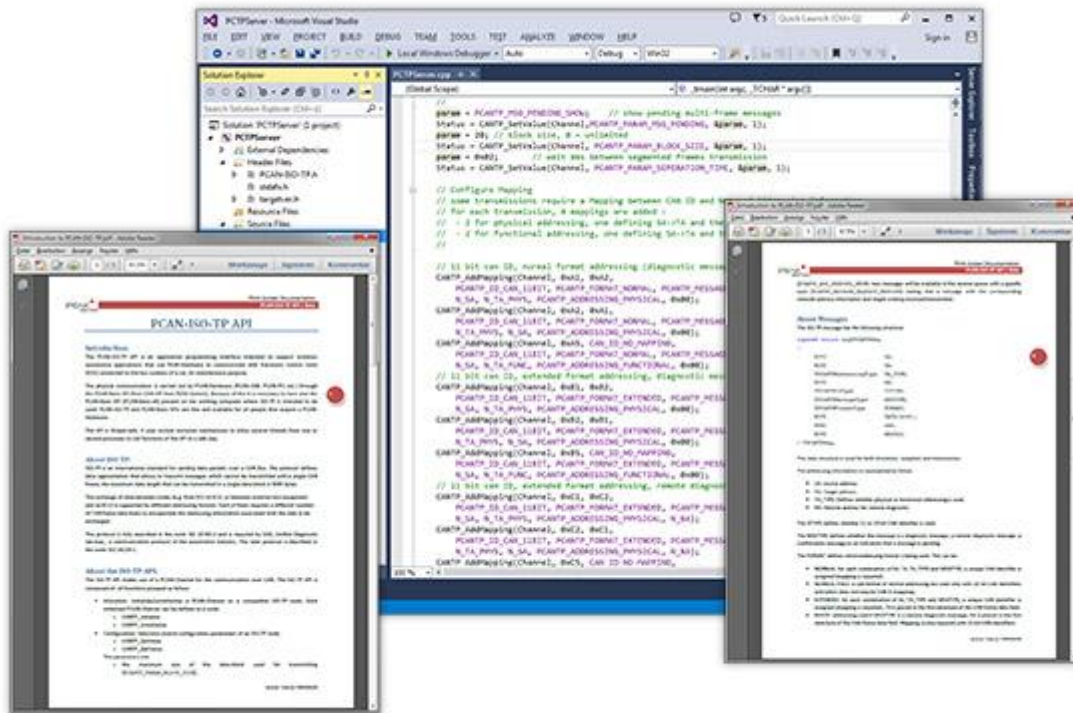


PCAN-ISO-TP API



ISO-TP (ISO 15765-2) is an international standard for the transfer of data packages via CAN. Above CAN (OSI layers 1 and 2), the protocol covers the OSI layers 3 (Network Layer) and 4 (Transport Layer). It can transmit data packages of up to 4095 Bytes per CAN message. The data bytes are transmitted segmented with multiple CAN frames.

The PCAN-ISO-TP API implements the functionality of the standard on the basis of 10 functions. They are categorized in Allocation, Configuration, Address Mapping Configuration, Information, and Communication.

PCAN-ISO-TP uses the PCAN-Basic programming interface to access the CAN hardware in the computer. PCAN-Basic is supplied with each CAN interface of PEAK-System.