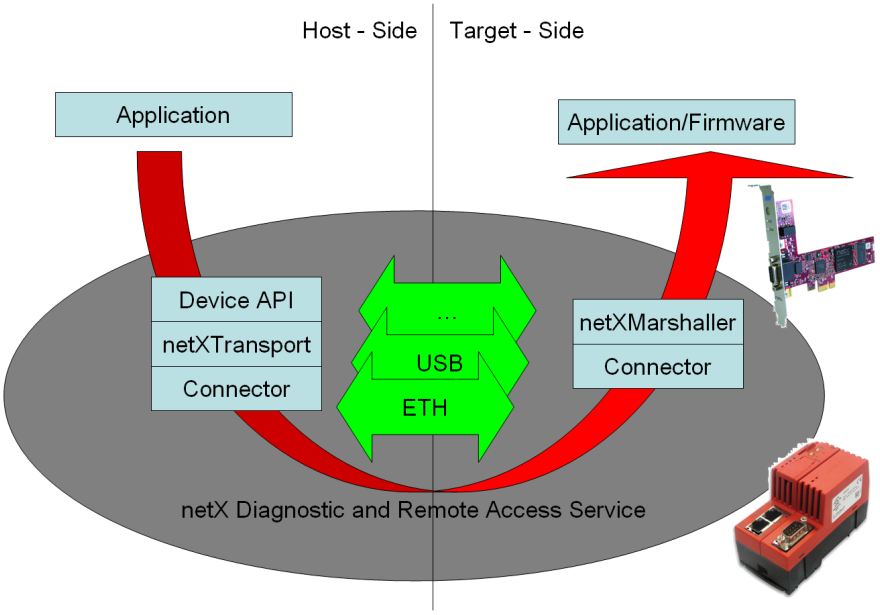
netXTransport and netXMarshaller

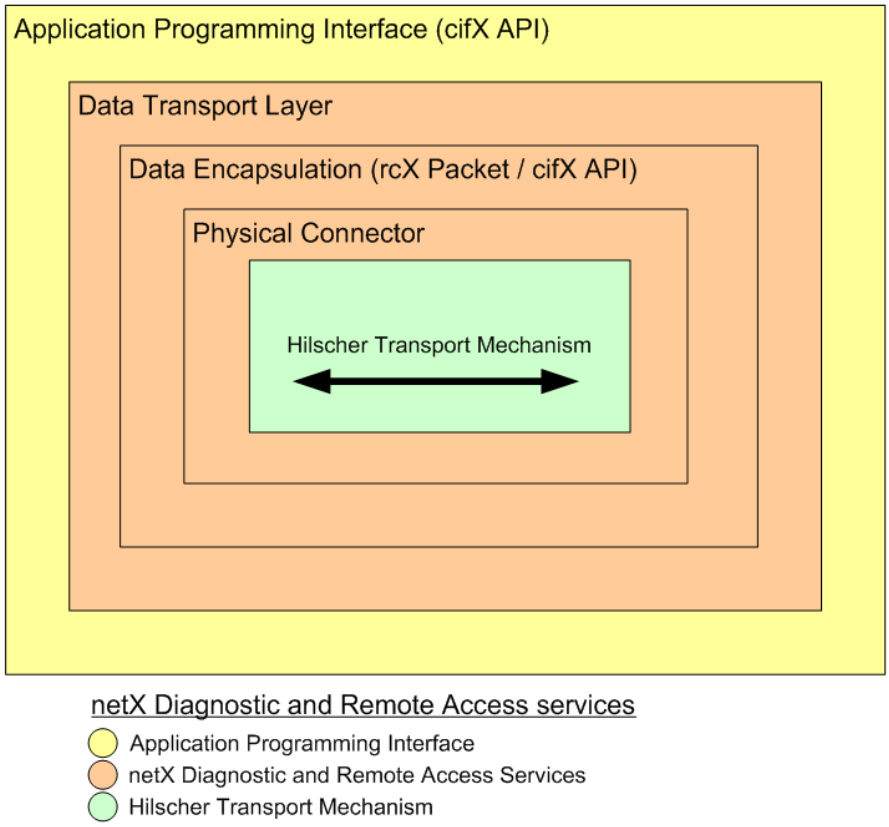
'*netXTransport and netXMarshaller*' are services providing a standard diagnostic interface for netX based systems via common physical connections (serial, USB, Ethernet) in combination with standard access functions (cifX API / rcX data packages) and the possibility to use the target connection for runtime data access and data exchange between the host and target.



Functionalities:

- Data Transport and Representation
  The physical data transport is based on the '*Hilscher Transport Mechanism*', describing a physical connection independent handling of a user data transport between a host and a target (connection independent)
- Connectivity to different transport medias (USB / serial / Ethernet)
- Source code of the target implementation portable to so called '*Remote Systems*', running a netX target with different operating system (OS independent C-Sources)
- Hardware connection independent access to the target system via rcX data packages or remote access via cifX API functions

Data Layer Overview:



The complete package consists of several software modules:

Host Side Components:

- netXTransport DLL for Windows
- RS232Connector DLL for Windows
- TCPConnector DLL for Windows
- netXTransport Toolkit source code for none Windows implementations
- netXTransport Toolkit examples for Windows and Linux

Device Side Components:

- netXMarshaller source code
- TCPServer examples based on netXMarshaller for Windows and Linux