

DTC-705 MuxXpert API

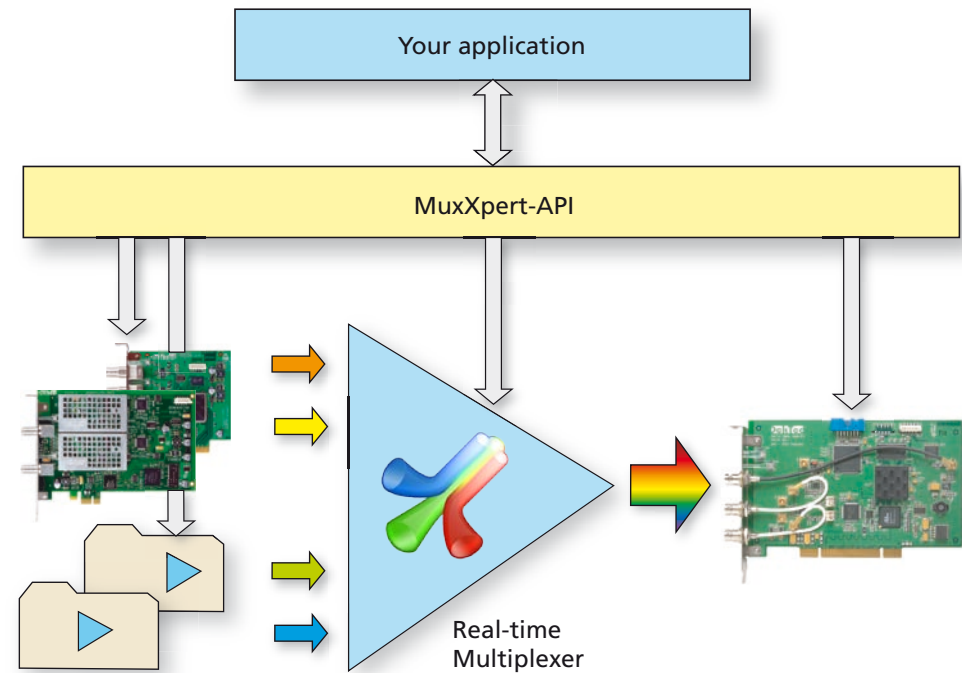
.NET Class Library for Real-Time Multiplexing

Features

- The MuxXpert API is a .NET class library that enables the embedding of real-time multiplexing functions in your application
- The classes can be used to create custom:
 - Service and component selection
 - SI processing
 - Remote control
 - User interface
- Provides all functions of the *MuxXpert*: re-multiplexing of services and components, querying the structure of transport streams, SI extraction, table cycling, adaptation of PIDs, services, tables and descriptors
- Runs on a standard- or industrial PC with all DekTec input and output adapters
- Can be used from any .NET language such as C++/CLI, C# or VB.NET
- Location transparency:
The real-time multiplexing functions running on one PC can be used from anywhere on the network

Applications

- Re-multiplexer with custom SI processing
- Electronic Program Guide inserter
- Generation of *MuxXpert* configuration files



Key Attributes

Parameter	Value
Number of TS Inputs	0, 1 .. 4 or 1 .. 8*
Number of TS Outputs	1 .. 4
Number of File Players	1 .. 4
Sum of Input Rates	0 .. 300Mbit/s
Sum of Output Rates	0 .. 300Mbit/s

* Max. 8 without file players; 4 when one or two file players are used; none when three or four file players are used

PC Requirements

Platform	Windows XP/2k3 with .NET v2.0, 1GB
Processor	P4@3.0Ghz*

* Or equivalent AMD processor

Supported I/O Adapters

Bus	Types
PCI	DTA-100, DTA-102, DTA-105, DTA-107(S2), DTA-110(T), DTA-112, DTA-115, DTA-116, DTA-117, DTA-120, DTA-122, DTA-124, DTA-140, DTA-145, DTA-160
PCI Express	DTA-2135, DTA-2144 , DTA-2145

Ordering Information

Type	Description
DTC-705	<i>MuxXpert</i> API .NET class library for real-time multiplexing