Clarity™

ADVANCED CHROMATOGRAPHY SOFTWARE

# CONTROL MODULE DEVELOPMENT

## B2B SOLUTION

DataApex

# CONTROL MODULE

> It is a bridge between Clarity Chromatography Software and specific instrument

> Possible development environments
  - Software Development Kit (SDK)
  - UNI Ruby

DataApex

# CLARITY SDK

- Set of tools for rapid development of control modules
- Provides the stable, well-documented interface between Clarity software and the control/extension module
- SDK is implemented in C++ and uses Microsoft MFC and ATL libraries (COM)

# DEVELOPMENT PROJECT EVALUATION

> Software Development Kit (SDK)
  - For complex control modules such as PDA detectors, MS detectors
  - Control module with rich user interface

> UNI Ruby
  - For simple control modules such as thermostats, pumps

> Final decision about the development environment depends on the communication protocol

# CONTROL MODULE DEVELOPMENT

- Control module development is carried out by
  - Business Partner
  - Third party (commercial companies specializing in driver development - contact upon request)
  - DataApex

DataApex

# CLARITY SDK DEVELOPMENT BY A BUSINESS PARTNER

▶ Development Cooperation Agreement required

▶ SDK itself is free of charge. All services related to the SDK are charged (price as per valid pricelist)

▶ SDK support includes an introductory webinar, online email/phone support, Clarity Software loaner, and testing of a developed driver(s)

▶ We offer optional SDK training in Prague

ℹ Details in DataApex SDK Policy datasheet (D040)

▲ DataApex

# DEVELOPMENT QUOTE BY DATAAPEX

> Communication protocols necessary

> Price & time depend on complexity

> DataApex also considers annual sales volume

# UNI RUBY DEVELOPMENT BY A BUSINESS PARTNER

> No agreement needed

> Freely available for download at www.dataapex.com

> Optional UNI Ruby support services

ℹ Details in UNI Ruby datasheets (D063)

# RELEASED PROJECTS

- Clarity already includes hundreds of control modules for different instrumentation developed by DataApex, business partners and by third parties
- The portfolio of controlled instruments increases with every release

ℹ Clarity list of controlled instruments datasheet (D004)