Analytical and Software Services

In addition to developing the world's most advanced chemical analysis software, we provide a range of complementary services that are built on our core expertise. Our services are used in Pharmaceutical, Healthcare, Petrochemical, Law Enforcement, Academic and other organizations.

Our services include:

✦ Custom software development for special-purpose applications

✦ Custom analysis solutions based on **Analyze IQ® RealTime**

✦ Bespoke model development and validation

✦ Software training

✦ OEM licensing of the Analyze IQ software suite

✦ Custom versions of the Analyze IQ software product suite, such as with additional features requested by a client or support for extra file formats
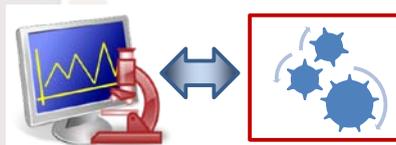
Custom Software Development and Analysis Solutions

The **Analyze IQ** technology is an ideal fit for applications requiring fast and high-accuracy testing of complex analytes, such as anti-counterfeiting taggants, biomedical diagnostic markers, and process analytical technologies. It is used with all forms of spectral data, including data from spectroscopic techniques such as infra-red (IR), near infra-red (NIR), Fourier transform IR (FT-IR), Raman, x-ray fluorescence (XRF), Mass Spectrometry, LIBS, SERS, and others.

We have extensive experience of high-quality software development, and evidenced by our software product range. We can provide you with that experience in:

✦ Integrating **Analyze IQ RealTime** into your software or process: operating on embedded devices, desktop systems, or in a cloud server environment

✦ Developing custom software solutions for your application

✦ Development of custom interfaces for instrumentation

Custom Training Courses

Analyze IQ Limited provides on-demand customized software training for clients, at our offices in Ireland or at clients' premises anywhere in the world. A typical one-day or two-day training course will cover:

✦ Basic concepts of chemometric modeling

✦ Details of the chemometric analysis methods provided in the Analyze IQ software, including key features and practical advice

✦ How to use Analyze IQ software to build, evaluate, and work with chemometric models

✦ Understanding & improving model performance

✦ Hands-on practice with the Analyze IQ software suite, optionally using data provided by the client.

Training courses are developed and delivered by our senior staff, including our CEO who has held a held a tenured academic position in the National University of Ireland, and has over a decade of experience in university teaching and research.

An example is our Pittcon 1-day course, "Modern Methods for Chemometric Analysis", which has run every year at Pittcon for the past several years and is always popular and highly rated by participants.