

Coexis is a software house providing next generation software technology and applications which meet the dynamic business needs of the Global Capital Markets.

**Syn-Developer**, our core technology, is a standards-based engine for the execution of business processes and rules, around which we have captured best industry practices for key application areas such as security settlements, order management and routing and reference data management.

**Syn-** has revolutionised software provision with its scalability, rapid adaptability and unprecedented flexibility. Part of our ground-breaking approach has been to place the modification of these starter applications in the hands of the business user. Changing or adding new business rules for an instrument or process is effected through graphical tools without incurring the high cost usually associated with such best-fit software.

### History

Coexis was formed in the early 1970's to provide analytic support for portfolio managers, with a specific focus on stock selection and arbitrage analysis. In 1976 the company became involved with transaction processing software for the growing Eurobond markets, and has subsequently developed a number of package products to support these and related domestic securities markets. These products have been installed in major banks in London, Paris, Zurich, Athens, Moscow, Warsaw, Luxembourg, Hong Kong and New York.

Coexis was an early proponent of a process-driven approach to software development. While for many software houses this approach is now the hot issue, for Coexis our early thinking gave us a head start and we now have mature and deliverable products based on this new approach in **Syn-**. In order to concentrate exclusively on bringing **Syn-** to market, our heritage Cumulus product range was sold to ADP in 1998.

**Syn-** embodies 30 years' experience of developing mission-critical applications in the regulated investment banking arena.

**Our unique approach enables our clients to change and grow in a controlled and cost-effective manner; operate at the highest efficiency and fully exploit market opportunities.**



*Terry Williams  
Chairman, Coexis.*

### Our approach

- ~ Provide the best of the customised (exact fit, flexibility) and packaged (lower-cost, quick implementation, version enhancements) software worlds
- ~ Change the economics of delivering and owning flexible, highly personalised and quick to adapt software to the commercial banking sector
- ~ Reflect the process and workflow structures of the business in the **Syn-** lifecycle
- ~ Maximise the effectiveness of staff and eliminate error-prone activities
- ~ Support large-scale, geographically distributed operations
- ~ Provide unique role-based security tailored to individual users
- ~ Future proof interactions with internal and external systems
- ~ Support in-sourced multi-client business

## Our customers

The flexibility and adaptability of **Syn~** is reflected in the diverse range of applications in use at our global investment banking customers on both sides of the Atlantic.

Some examples include:

- ~ JPMorgan Cazenove – equity and fixed income settlements
- ~ Mitsubishi UFJ Securities International – equity and fixed income settlements
- ~ Mitsubishi UFJ Securities International – reference data management
- ~ Swisscanto – funds supermarket order management
- ~ 19 Swiss cantonal banks use our ASP order routing service
- ~ Marco Polo Networks – emerging markets order routing
- ~ SunGard Financial Systems Inc (solutions delivered to two leading US investment banks) – equity and fixed income settlements
- ~ A leading UK correspondent clearer – equity and fixed income settlements

## Our partners

SunGard Financial Systems Inc – in the USA Coexis advanced technologies work alongside Phase 3 to provide one coherent platform for processing of multi-product security and financial transactions in multiple markets.

Atos Euronext Market Solutions – following a strategic investment in Coexis, our core **Syn~** technology is helping AEMS to enhance its solutions for exchanges, clearing houses, banks and intermediaries.

Serisys – is our Hong Kong-based partner with the local knowledge to deliver and support **Syn~** in Asia Pac, especially China.

## Our operations

Our research and development centre is located to the west of London and is staffed by leading software technology experts. City of London and New York offices support our global sales operations.

## Benefits

- ~ Completely customised solutions delivered within the timeframes and economics of a packaged solution
- ~ Exception-based STP ideas extended to fully proactive business process management
- ~ Unique agility to adapt to your business changes
- ~ User adaptation allowed within a fully vendor maintained system with the concept of 'Maintained Independence'
- ~ Proven incremental scalability allows stepped investment in infrastructure costs

## Technology

**Syn~** applications are based on the best of current industry standards for leading edge technology e.g. XML, Java, JMS (e.g. IBM WebSphere MQ), JMX etc. The underlying **Syn~** transaction processing engine is written in 100% Java making use of J2EE technology. It uses an Oracle® 9i/10g database as its primary means of persistence, but data can be integrated from other sources. Internal communication within the system uses the Java Messaging Service API.



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