Process-oriented Learning and Information Exchange.
An Integrated Project in the European Union sixth framework programme
PROLIX is a 4-year research and development project co-funded by the European Commission under the Sixth Framework Programme, Priority 2 “Information Society Technologies”.

The objective of PROLIX is to align learning with business processes in order to enable organisations to improve the competencies of their employees more quickly as business requirements change.

The key innovation in PROLIX consists of a process and competency driven framework which interlinks business process intelligence tools on the one hand with knowledge management and learning environments on the other.

To attain the objectives, PROLIX brings together 19 partners from 9 different countries. The team is made up of the 2 leading and largest European vendors of Learning Management and Learning Content Management software, the largest independent European business process management company and leading European research partners in learning technology, pedagogy and technology-enhanced learning software architecture.

PROLIX supports a complete learning process life cycle from the analysis of complex business situations and the identification of individual and organisational learning goals, to the analysis of competencies and matching them with individual skills. This will lead to the definition and execution of appropriate learning interventions and the simulation of competency oriented processes, with a constant monitoring of learners’ performance with respect to the defined learning and business goals.

PROLIX aims to deliver an open learning platform. It will integrate the systems needed to fully support the learning life cycle by providing interfaces to Skill Management Systems, Learning Management Systems, Learning Content Management Systems and Knowledge Management Systems as well as Performance Measurement Systems.

PROLIX will provide Learning Process Workflow Services (LPWS) to manage learning processes. These Services contain the “knowledge” of the configured learning processes and execute the various learning application services within the above systems. Learning activities and business process needs will be aligned by integrating learning services into existing business process platforms.

PROLIX will allow the European learning solutions industry to integrate their solutions in business process architectures with limited additional effort. To do so, the PROLIX architecture will be designed according to emerging Service Oriented Architecture (SoA) paradigms. PROLIX will provide a framework of services (OBELIX) that enable a community to register their contents of (part of) a repository, and exposing those contents for searching, querying and analysing in order to identify competency gaps and plan learning activities.

The PROLIX system will result into an open, public domain reference architecture called (OBELIX) to facilitate industry-wide discussions about extensions, integrations standards and promote interoperability of learning and business management systems.