

# Knowledge and Business Intelligence Technologies in Cross-Enterprise Environments for Italian Advanced Mechanical Industry

Ernesto Damiani and Paolo Ceravolo

SESAR Lab, Department of Computer Science,  
Università degli Studi di Milano, Italy  
<http://sesar.dti.unimi.it>

**Abstract.** Today's industry is pushed by the competitive pressure to revise the business model by opening the organizational boundaries to suppliers, clients and partners. As a side effect, knowledge sharing within the market increases and organizations may lose control on strategical knowledge that can be exploited by competitors. For this reason process monitoring today cannot fail in controlling the collaboration activities established inside and outside the organization.

KITE.it is a project, founded by the italian Ministry of Economic Development, aimed at proposing a methodological and technological framework to support the italian mechanical industry in adopting advanced business network approached.<sup>1</sup> The Kite framework is aimed at driving the management process in the identification of the business values creating the network and in supporting the strategical analysis by monitoring both the operational and collaborative processes.

The metric system was designed to integrate in a unified analysis metrics insisting on the strategical, operational and collaborative level. From the technological point of view this is achieved by decoupling the monitoring format from the execution logs that can be integrated in the Kite model from heterogeneous data sources.

---

<sup>1</sup> Website: [http://www.kite-project.it/en\\_GB/home](http://www.kite-project.it/en_GB/home)

