Soggetto proponente	Consorzio Interuniversitario Nazionale per l'Informatica
Titolo del progetto	MAnagement of Security information and events in Service InFrastructures
Acronimo	MASSIF
Descrizione del progetto	The main objective of MASSIF is to achieve a signicant advance in the area of Security Information and Event Management (SIEM). On the base of proper multi-level event correlation MASSIF will provide innovation techniques in order to enable the detection of upcoming security threats and trigger remediation actions even before the occurrence of possible security incidences. Thus, MASSIF will develop a new generation SIEM framework for service infrastructures supporting intelligent, scalable, and multi-level/multi-domain security event processing and predictive security monitoring. Such service-level SIEM involves the modelling and formal validation of security, including trusted computing concepts (Fraunhofer), architecture for dependable and resilient collection of service events (Uni. Lisboa), supported by an extremely scalable and performant event collection and processing framework (UPM), in the context of service-level attack models (SPIIRAS).
TA/SG	TA 5
Riferimento Bando	ICT-2009.1.4
Valore del progetto	€
Pubblicazioni	*The human role in tools for improving robustness and resilience of critical infrastructures,*Aladino Amantini, Michal. Choras, Salvatore D'Antonio, Elyoenai. Egozcue, Daniel Germanus e Reinhard Hutter, Cognition, Technology & Work Journal, pp. 1-13, 2011 *Security Analysis of Smart Grid Data Collection Technologies,* L. Coppolino, S. D'Antonio, I.A. Elia e L. Romano, Lecture Notes in Computer Science, Book chapter of Computer Safety, Reliability, and Security, 2011, pp. 143-156, LNCS 6894 *Integration of a System for Critical Infrastructure Protection with the OSSIM SIEM platform: A Dam Case Study,* L. Coppolino, S. D'Antonio, V. Formicola e L. Romano, Lecture Notes in Computer Science, 2011, Book chapter of Computer Safety, Reliability, and Security, pp. 199-212, LNCS 6894 *Dependability and resilience of computer networks (SCADA / cyber-security)*, L. Coppolino, S. D'Antonio, L. Romano, Book Chapter of

	CRITICAL INFRASTRUCTURE SECURITY: Assessment, Prevention, Detection, Response, WIT press *An Intrusion Detection System for Critical Information Infrastructures using Wireless Sensor Network technologies,* L. Coppolino, S. D'Antonio, L.Romano, G. Spagnuolo, The 5th International Conference on Critical Infrastructures, CRIS2010, Pechino, 20-22 settembre 2010 *Security Issues of a Phasor Data Concentrator for Smart Grid Infrastructure,* S. D'Antonio, L. Coppolino, I. A. Elia, V. Formicola, 13th European Workshop on Dependable Computing EWDC 2011, Pisa, 11-12 maggio 2011
Curriculum	