

Agmonts General-purpose Adaptive Autonomic System

Agmonts automates large-scale wireless sensor and actor web networks (WiSAW networks) deployed for autonomous surveillance, structural health monitoring and protection of physical/telecom/IT assets; dynamic reconfiguration of cellular and C4ISTAR networks and autonomous mobile coordination and operation of Unmanned Air Vehicles (UAVs) and Unmanned Combat Air Vehicles (UCAVs). Agmonts incorporates a powerful 360-degree holistic feedback system that integrates existing information systems with physical assets and operating environments and provides real-time decision aids to enterprise managers and military commanders.

Salient Features

The technology does not rely on any hard-coded algorithms and can adapt itself to dynamically changing environment enabling Agmonts-powered WiSAW networks capable of dynamic reconfiguration on the fly without stopping or rebooting.

Major Application / End Users

Organizations and institutions responsible for autonomous surveillance, structural health monitoring and protection of physical/telecom/IT assets against natural disasters, technical faults, harsh environmental conditions, sabotages, run-time problems, terrorist attacks and other security threats.