

SiVi by SID

<p>Picture</p>	
<p>Brief Description</p>	<p>SiVi is a human-interactive visual-based anomaly detection system that is capable of monitoring and promptly detecting several devastating forms of security attacks. The tool’s novelty lies on the development of intuitively visualization graphs capable to offer a quick, reliable, and intuitively overview in the network. SiVi implements a range of data visualization techniques aimed at providing the administrator with a full anomaly detection ecosystem, including traditional and advanced visualization techniques (graph lines, activity gauge, dependency wheels, tables, etc.)</p>
<p>Main Functionality</p>	<p>(1) Anomaly detection. The result of this functionality is the creation of the Security Events. SiVi support different sensors (monitoring/detection software) in different layers (network layer and host layer).</p> <p>(2) Data Visualization. The tool users can see in real/historic time several visualization widgets that depicts the status of the network.</p> <p>(3) Visual analytics: SiVi applies data analytics algorithms and presents the analysis results by using multiple visualization widgets.</p>
<p>Main Capabilities</p>	<p>Through SiVi, SID would like to monitor the communication between the emergency van and the Internet to identify anomalies such as interruptions in the communications, network overloads etc.</p>





Use Case (s)	The tool can be used to identify any potential cyberattack in the pilot network.
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