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## Patent Search

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#### Abstract:

SYSTEMS AND METHODS FOR DETECTION OF ANOMALIES IN CIVIL INFRASTRUCTURE USING CONTEXT AWARE SEMANTIC COMPUTER VISION TECHNIQUES A method together with single dose applicators, devices for delivering the drug formulations to the oral mucosa, and methods for using them To identify security-related anomalies in a computer network environment, a security platform uses a range of methodologies and procedures. The security platform uses machine learning and "big data" security analytics. A method entails gathering data, processing and categorizing a variety of events, continuously clustering the variety of events, continuously building behavioral and information analysis, analyzing behavior and information using a holistic model, detecting anomalies in the data, displaying an animated and interactive behavioral model visualization, and displaying an animated and interactive visualization of the detected anomalies. In order to identify at least one anomalous portion of the visual multimedia content showing civil infrastructure, as well as the type and quantification of each anomalous portion, a method is applied to features extracted from visual content showing civil infrastructure. The current invention transforms the user's context information to the user or specified rule and performs context aware processing in accordance with a rule defined by the user in a user device. FIG.1

#### Complete Specification

Description:SYSTEMS AND METHODS FOR DETECTION OF ANOMALIES IN CIVIL INFRASTRUCTURE USING CONTEXT AWARE SEMANTIC COMPUTER VISION TECHNIQUES

#### BACKGROUND

##### Technical Field

[0001] The embodiments herein generally relate to a systems and methods for detection of anomalies in civil infrastructure using context aware semantic computer vision techniques.

##### Description of the Related Art

[0002] A method where the computer network administrators have placed a high importance on activity detection, both benign and malicious. Users of well-known and private computer networks utilize gadgets like desktop computers, laptop computers, tablets, smart phones, browsers, etc. to communicate with one another through connected computers and servers. Anomaly detection is a broad objective that can be used to accomplish a variety of tasks, such as preventing actions taken by unintended threats or malevolent insiders and, more generally, managing operational and human risk. It is necessary to statistically convert the annual consumer user monthly, weekly, or daily consumer profiles or to extrapolate individual random samples in order to simulate drinking water distribution networks and energy networks. These anomalies could be flaws like structural flaws brought on by wear and tear and severe use (such steel corrosion, cracks, concrete efflorescence, and concrete spalling), which could be brought on by or made worse by abnormalities in design or manufacture. Based on one or more pieces of contextual data related to the problem are included in the CAID, the local peer may try to connect with the peer.

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