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(57) Abstract :
The present invention discloses system (100) and method (300) for enhancing security through adaptive real-time protection by combining real-time monitoring, intelligent techniques, dynamic safeguard deployment, and continuous learning. The system (100) incorporates advanced real-time monitoring capabilities that continuously analyse system behavior, network activity, and user interactions. The real-time analysis enables prompt detection of potential security threats and vulnerabilities, allowing for immediate action. The system (100) ensures proactive and adaptive protection against cyber threats. With its ability to evolve and respond in real-time, the disclosed system (100) contributes to the creation of a more secure and reliable digital environment across critical applications and industries. Additionally, unlike static security measures that require manual updates or patches, the present system (100) dynamically deploys software safeguards in real-time.

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