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(51) International classification	:H04L 29/06, H04L 9/32, H04L 9/40, G06F 21/00, H04L 9/00	(71)Name of Applicant : 1)NOIDA INSTITUTE OF ENGINEERING & TECHNOLOGY Address of Applicant :19, Knowledge Park-II, Institutional Area, Greater Noida – 201306, Uttar Pradesh, India. Uttar Pradesh India
(31) Priority Document No	:NA	(72)Name of Inventor : 1)AJAY KUMAR
(32) Priority Date	:NA	2)AMAN PRASAD
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(57) Abstract :

A secure authentication method is disclosed using a behavior acquisition module (101), a context normalization engine (102), a profile repository (103), a trust evaluation core (104), a response orchestrator (105), and a protected service interface (106). Device-state indicators, interaction signatures, network attributes, and session-context descriptors are converted into a normalized context vector and compared with an enrolled behavior profile to generate a composite trust score. Access is granted, challenged, restricted, or denied according to score-based policy mapping, while accepted-session behavior is selectively incorporated to support controlled profile adaptation.

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