

COLLECTIVE INTELLIGENCE FOR SECURED DIGITAL IDENTITY MANAGEMENT THROUGH CROWD SCIENCE

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With the trend of digital ecosystems in everyday life advanced Identity Management (IdM) systems are demand of time. A handy identity management system can make easier way to use identity in cross platform environments, but there remain questions of privacy, security, reliability and scalability. This study focuses on integrating crowd science into identity management systems in combination with behavioral biometrics, hybrid AI-crowd and decentralized trust system to cope with recovery of identity in crisis, fraud detection etc. This also explores emerging applications and benefits of crowd-based frameworks, then investigates their implementation challenges and limitations. Finding shows that orchestration of crowd behavior analysis and collective intelligence with trust system significantly improves the accuracy, adaptability, and fairness of identity management systems.
