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(54) Title: NETWORK SECURITY PROBE

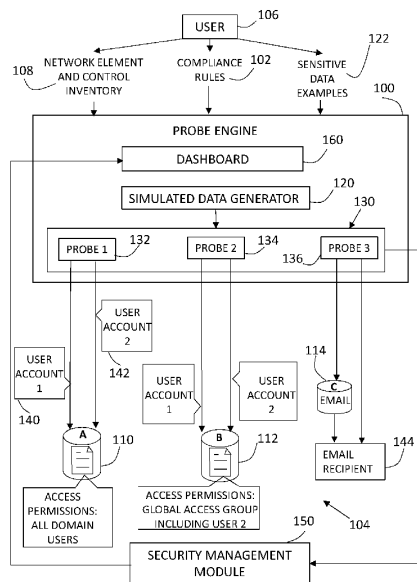


FIG. 1

(57) Abstract: A system for automatically monitoring efficacy of security controls in a computer network, including a probe engine configurable with at least one set of rules relating to access permissions to data in the computer network, at least one security probe forming part of the probe engine and operative to automatically place, at at least one storage location within the computer network and with access permissions that are non-compliant with the at least one set of rules, simulated data corresponding to the data in the computer network and attempt to access the simulated data following the placement thereof, using access privileges satisfying the non-compliant access permissions, and a security monitoring and reporting module operative to provide a user sensible output indicating at least whether the attempt to access the simulated data was successful and, if so, reporting mitigating activities by the security controls in response to the successful attempt.

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