

Title (en)

METHOD AND SYSTEM FOR PROTECTING OPERATIONS OF TRUSTED INTERNAL NETWORKS

Title (de)

VERFAHREN UND SYSTEM ZUM SCHUTZ VON TÄTIGKEITEN IN VERTRAULICHEN NETZWERKEN

Title (fr)

PROCEDES ET SYSTEMES DE PROTECTION D'OPERATIONS SUR DES RESEAUX INTERNES DE CONFIANCE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0016206A1] The present invention is a security gateway system (10) positioned between an external, untrusted computing environment (16) and an internal, trusted computing environment (12) that converts messages received from the external environment into simplified messages and converts the simplified messages into messages suitable for use on the internal environment. The conversion involves the removal of external environment transfer protocols and the reduction of the content of the messages left after removing the protocols into a simplified representation of the content to create a simplified message. The simplified representation is then converted to an internal message by converting the simplified representation to a representation appropriate to the internal environment, including to applications operating on the internal environment, and adding internal environment protocols, including transfer protocols, to the converted message. Simplified representations exist for some but not necessarily all types of content which may be received from the external environment, thus limiting the content which may be passed from the external to the internal environment.

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