

Title (en)  
SYSTEM AND METHOD FOR INSTALLING AN AUDITABLE SECURE NETWORK

Title (de)  
SYSTEM UND VERFAHREN, UM EIN ÜBBERPRÜFBARES SICHERES SYSTEM ZU INSTALLIEREN

Title (fr)  
SYSTEME ET PROCEDE PERMETTANT D'INSTALLER UN RESEAU FIABLE ET VERIFIABLE

Publication  
**EP 1131727 A4 20050209 (EN)**

Application  
**EP 99959005 A 19991116**

Priority  

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- US 10856698 P 19981116
- US 10886898 P 19981118
- US 12195999 P 19990225

Abstract (en)  
[origin: WO0029962A1] A system and method for generating and remotely installing a private secure and auditable network is provided. Node identification, link, and application information is input into a template (610). A generator generates components (620) using the information in the template (610) and the components are remotely installed using an installation server (630). The components include agent modules (642, 652, 662) which are each installed at predetermined target site (640, 650, 660, 670) and establish communication with the installation server (630) to facilitate the download of other components, including application software and configuration files. Each node can only be installed once and is specific to a predetermined target site (640, 650, 660, 670). For each link, a unique pair of keys is generated in a form which is not human readable, each key corresponds to a different direction of communication over the link. Data transmitted between nodes is encrypted using the public-private key pairs. At least one monitor node (772) manages the security of the network, strobes keys, and may take nodes out of the network in the event of a security violation.

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IPC 8 full level  
**H04L 29/06** (2006.01)

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**H04L 63/0442** (2013.01); **H04L 63/08** (2013.01); **H04L 63/1408** (2013.01); **H04L 63/1433** (2013.01)

Citation (search report)  

- [X] WO 9807085 A1 19980219 - BEN SMITH INC [US], et al
- [XA] ROZENBLIT M: "Secure Software Distribution", PROCEEDINGS OF THE NETWORK OPERATIONS AND MANAGEMENT SYMPOSIUM, NOMS'94, vol. 2, 14 February 1994 (1994-02-14), pages 486 - 496, XP010261000
- See references of WO 0029962A1

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