

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
17 June 2004 (17.06.2004)

PCT

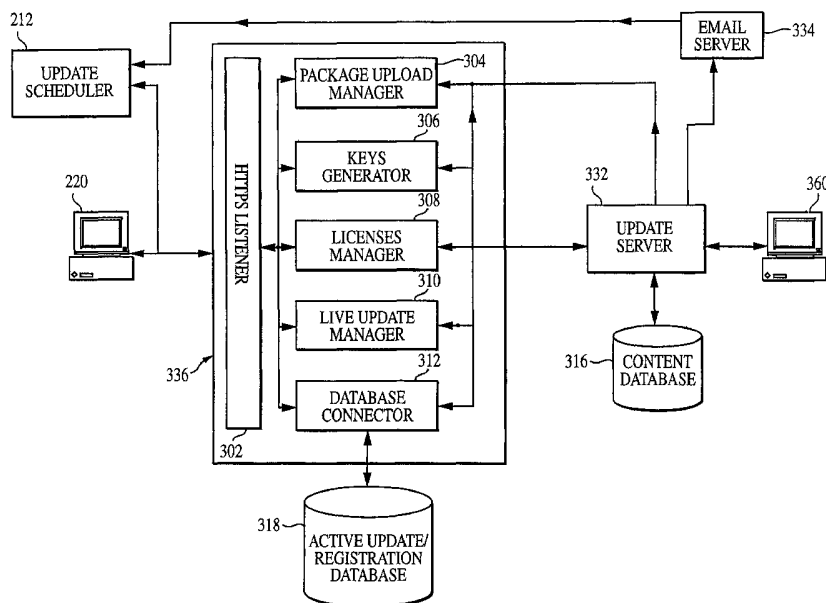
(10) International Publication Number
WO 2004/051408 A3

- (51) International Patent Classification⁷: **G06F 11/00**, 11/30, 12/14, 15/173, H04L 9/00, 9/32
- (74) Agents: **SABETT, Randy, V.** et al.; Cooley Godward LLP, Attn: Patent Group, One Freedom Square-Reston Town Center, 11951 Freedom Drive, Reston, VA 20190-5656 (US).
- (21) International Application Number: PCT/US2003/037608
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 26 November 2003 (26.11.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 10/304,824 27 November 2002 (27.11.2002) US
- (84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- (71) Applicant: **TELOS CORPORATION** [US/US]; 19886 Ashburn Road, Ashburn, VA 20147 (US).
- (72) Inventors: **TRACY, Richard, P.**; 20415 Middlebury Street, Ashburn, VA 20147 (US). **BARRETT, Hugh**; 5315 Poplar Valley Court, Centreville, VA 20120 (US). **CATLIN, Gary, M.**; 101 Havens Drive, Brick, NJ 08723 (US).

Published:
— with international search report

[Continued on next page]

(54) Title: ENHANCED SYSTEM, METHOD AND MEDIUM FOR CERTIFYING AND ACCREDITING REQUIREMENTS COMPLIANCE UTILIZING THREAT VULNERABILITY FEED



(57) Abstract: A computer-assisted system, medium and method of providing a risk assessment of a target system (220). The method includes receiving at the computer at least one of a newly encountered hardware, software and/or operating system threat, updating a requirements repository (318) to account for the threat, updating one or more target system test procedures to account for the threat (316), and conducting a risk assessment of the target system (220).

WO 2004/051408 A3



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(88) Date of publication of the international search report:
5 August 2004

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/37608

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 11/00, 11/30, 12/14, 15/173; H04L 9/00, 9/32
 US CL : 713/150, 200, 201, 164; 709/224, 227; 714/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 713/150, 200, 201, 164; 709/224, 227; 714/38

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,298,445 B1 (SHOSTACK et al) 2 October 2001 (02.10.2001), abstract, column 2 line 31 - column 3 line 37, column 3 line 66 - column 4 line 12, and column 7 line 55 - column 8 line 18.	1-21
Y, E	US PUB 2004/0025015 A1 (SATTERLEE et al.) 5 February 2004 (05.02.2004), abstract and [0012]-[0014].	1-21
Y --- A	US PUB 2001/0034847 A1 (GAUL, JR.) 25 October 2001 (25.10.2001), [0013]-[0021] and [0073]-[0081].	1, 6, 11, 16, 19 ----- 2-5, 7-10, 12-15, 17-18, 20-21
A	US 5,032,979 A (Hecht et al.) 16 July 1991 (16.07.1991), column 1 line 63 - column 2 line 36.	1, 2, 6, 8, 11, 12, 16, 18, 19
Y, P	US 6,546,493 B1 (MAGDYCH et al.) 8 April 2003 (08.04.2003), column 2 lines 30-55, column 3 lines 22-49, and column 7 lines 1-16.	1-21
Y, P	US PUB 2002/0199122 A1 (DAVIS et al.) 26 December 2002 (26.12.2002), abstract, [0003]-[0005], [0018], [0037], and [0048]-[0050].	1, 2, 6, 8, 11, 12, 16, 18, 19
A, E	US PUB 2004/0010709 A1 (BAUDOIN et al.) 15 January 2004 (15.01.2004), [0005]-[0007]	1, 6, 11, 16, 19

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Z" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 20 May 2004 (20.05.2004)	Date of mailing of the international search report 09 JUN 2004
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703)305-3230	Authorized officer <i>Michelle K. Dean</i> Ayaz Sheikh Telephone No. (703) 305-3900