

Data Protection

Lists (Release 2.0)

For Enterprise and Medium Business











Endpoint Security

Protected Cloud

Web Security

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Document Part No. LPEM55806/121205

Release Date: September 2014

Document Version No.: 2.0

Protected by U.S. Patent No.: 5,623,600; 5,889,943; 5,951,698; 6,119,165

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Chapter 1

Data Loss Prevention - Predefined Data Identifiers and Templates

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- Recognized File Types on page 1-13
- Predefined Keyword Lists on page 1-19
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Predefined Expressions

Trend Micro products provide the following predefined expressions:

Nаме	DESCRIPTION	VALIDATOR	Additional Verification	Predefined Template
All: Credit Card Number	Credit card numbers	Credit Card Number	 Number prefix LUHN checksum 	Same name
All: Email Address	Email addresses	Not applicable	Not applicable	Not applicable
All: Home Address	Home addresses in the United States and the United Kingdom	Not applicable	Not applicable	Not applicable
All: IBAN (International Bank Account Number)	 An international standard for identifying bank accounts with minimal risk of transcription errors 	IBAN (International Bank Account Number)	 Country code format Case- sensitive 	Same name
All: Names from US Census Bureau	 Names from the US Census Bureau (up to the year 1990) 	US: Names from Census Bureau	Case- sensitive	Same name

1-2

Nаме	DESCRIPTION	VALIDATOR	Additional Verification	Predefined Template
All: SWIFT BIC (SWIFT Business Identifier Code)	 Also known as ISO 9362, BIC code, SWIFT ID, and SWIFT code A standard format of business identifier codes approved by the International Organization for Standardization (ISO) Used by financial institutions and other entities in transactions such as money transfers 	SWIFT BIC (SWIFT Business Identifier Code)	 Country code Case- sensitive 	Same name
Austria: SSN - Sozialversiche rungsnummer (Social Security Number)	 Used in transactions with government agencies and private entities 	Austria: Social Security Number	Expressio n-specific checksum	Same name
Canada: RAMQ - Régie de l'assurance maladie du Québec (Quebec Health Insurance Number)	 Issued to citizens and residents eligible for the Quebec Health Insurance Plan 	Canada: Quebec RAMQ	 Expressio n-specific checksum Case- sensitive 	Same name

Nаме	DESCRIPTION	Validator	Additional Verification	Predefined Template
Canada: SIN (Social Insurance Number)	 Used in tax reporting, bank transactions, and administration of government programs 	Canada: Social Insurance Number	 Number prefix LUHN checksum 	Same name
China: National ID Number	 Used by citizens in accessing public and private services 	China: National ID Number	 Birth date embedde d in the number Expressio n-specific checksum 	Same name
Date: Full (day/month/ year)	 Date format commonly used in the United Kingdom dd/mm/yy or dd-mm-yy dd/mm/yyyy or dd-mm- yyyy 	Date (day- month-year)	 Month range Day range Year earlier than 2051 	Not applicable
Date: Full (month/day/ year)	 Date format commonly used in the United States mm/dd/yy or mm-dd-yy mm/dd/yyyy or mm-dd- yyyy 	Date (month- day-year)	 Month range Day range Year earlier than 2051 	Not applicable

Name	DESCRIPTION	VALIDATOR	Additional Verification	Predefined Template
Date: Full (year/month/ day)	 Date format defined by the International Organization for Standardization (ISO) yy/mm/dd or yyymm-dd yyyy/mm/dd or yyyy-mm- dd 	Date (year- month-day)	 Month range Day range Year earlier than 2051 	Not applicable
Date: Partial (month/year)	 Date format that specifies only the month and year mm/yy mm/yyyyy 	Not applicable	Not applicable	Not applicable
Denmark: CPR-nummer (Personal ID Number)	 Also known as personnummer Used in transactions with government agencies and private financial institutions 	Denmark: Personal ID Number	Expressio n-specific checksum	Same name
Dominican Republic: CIE - Cédula de Identidad y Electoral (National ID Number)	 Used in transactions with government agencies and private entities 	Dominican Republic: National ID Number	Expressio n-specific checksum	Same name

Nаме	DESCRIPTION	VALIDATOR	Additional Verification	Predefined Template
Finland: HETU - Henkilötunnus (Personal Identity Code)	 Used in transactions with government agencies and private entities 	Finland: Personal Identity Code	 Expressio n-specific checksum 	Same name
France: Les Codes INSEE - Institut Nationa I de la Statistique et des Études Économiques (INSEE Code)	 The numerical indexing code used by the French National Institute for Statistics and Economic Studies (INSEE) Used to identify entities Functions as a national ID 	France: INSEE Code	Expressio n-specific checksum	Same name
France: NIR - Numéro d'Inscription au Repertoire (Social Security Number)	 number Also known as National Registration Number Used in the administration of the national insurance or social security system 	Not applicable	Not applicable	Same name

NAME	DESCRIPTION	VALIDATOR	Additional Verification	Predefined Template
Germany: SN - Steuernummer (Taxpayer ID	 Issued by the German tax administration 	Germany: Taxpayer ID Number	 Birth month and day 	Same name
Number)			 Expressio n-specific checksum 	
			Case- sensitive	
Ireland: PPSN (Personal Public Service Number)	 Used in accessing social welfare benefits, public services, and information 	Ireland: Personal Public Service Number	 Expressio n-specific checksum Case- sensitive 	Same name
Ireland: VAT (Value Added Tax Number)	Used for value added tax purposes	Not applicable	Not applicable	Same name
Japan: Address	 Address in Japan (prefecture, ward, city, county, block, building name, and number) 	Not applicable	Not applicable	Not applicable
Japan: Date	Date formats commonly used in Japan	Not applicable	Not applicable	Not applicable
	• yyyy/mm/dd			
	• yy/mm/d			
	• yy.mm.dd			
	• syy.m.d			
	• yyyy-m-d			

Nаме	DESCRIPTION	VALIDATOR	Additional Verification	Predefined Template
Japan: Phone Number	 Phone number used in Japan 	Not applicable	Not applicable	Not applicable
Mexico: RFC - Registro Federal de Contribuyente s (Tax ID Number)	 Issued to legal entities 	Mexico: Tax ID Number	Expression- specific checksum	Same name
Norway: Fødselsnumm er (Personal ID Number)	 Issued at birth or upon registration with the National Population Register 	Norway: Personal ID Number	 Birth date and personal identifier embedde d in the number 2 expressio n-specific checksum s 	Same name
Poland: Dowód Osobisty (National Identity Card Number)	Appears on the identity card issued to citizens	Poland: National Identity Card Number	 Expressio n-specific checksum Case- sensitive 	Same name
Poland: PESEL - Powszechny Elektroniczny System Ewidencji Ludności (National ID Number)	 Issued to permanent and temporary residents 	Poland: National ID Number	Expressio n-specific checksum	Same name

Nаме	DESCRIPTION	VALIDATOR	Additional Verification	Predefined Template
South Africa: ID Number	 Issued to citizens and permit residence permit holders who are 16 years or older 	South Africa: ID Number	Expressio n-specific checksum	Not applicable
South Korea: Resident Registration Number	 Used to identify residents in transactions with private entities 	South Korea: Resident Registration Number	 Birth date embedde d in the number Gender digit 	Same name
Spain: Full Spanish Name	Full Spanish name in "First Name" "Surname" format	Spain: Full Spanish Name	Case- sensitive	Not applicable
Spain: DNI - Documento Nacional de Identidad (National Identity Card Number)	 Appears in the national identity document issued to citizens Used in transactions with government agencies and private entities 	Not applicable	Not applicable	Same name
Spain: NAF - Número de Afiliacion a la Seguridad Social (Social Security Number)	Used in making social security contributions and accessing public benefits	Not applicable	Not applicable	Same name

Nаме	DESCRIPTION	VALIDATOR	Additional Verification	Predefined Template
Spain: NIF - Número de Identificación Fiscal (Tax ID Number)	 Used to monitor income tax contributions and financial status Issued to citizens; for non- citizens, it is called NIE or Número de Identificación de Extranjero 	Spain: Tax ID Number	 Expressio n-specific checksum Case- sensitive 	Same name
Taiwan: Jih Sun Bank Account Number	Used to record the financial transactions between an account holder and Jih Sun Bank	Taiwan: Jih Sun Bank Account Number	Expressio n-specific checksum	Not applicable
Taiwan: National ID Number	 Issued to nationals who have household registration in Taiwan Used in transactions that require identity verification 	Taiwan: National ID Number	 Gender digit Expressio n-specific checksum Case- sensitive 	Same name
Taiwan: SKH Medical Record Number	 Used to identify patients in the Shin Kong Wu Ho-Su Memorial Hospital 	Taiwan: SKH Medical Record Number	Expressio n-specific checksum	Same name
Taiwan: VGH Medical Record Number	 Used to identify patients in the Taiwan Veterans General Hospital 	Taiwan: VGH Medical Record Number	Expressio n-specific checksum	Same name

Nаме	DESCRIPTION	VALIDATOR	Additional Verification	Predefined Template
Turkey: T.C. Kimlik No Türkiye Cumhuriyeti Kimlik Numarası (ID Card Number)	 Used by citizens in accessing public and private services 	Turkey: ID Card Number	Expressio n-specific checksum	Same name
UK: NHS Number (National Health Service Number)	Used to identify patients and locate health records	UK: National Health Service Number	Expressio n-specific checksum	Same name
UK: NIN (National Insurance Number)	 Used to record national insurance and tax contributions Functions as reference number in communications with government agencies 	Not applicable	Not applicable	Same name
UK: RD&E Hospital Number	Used to identify patients of the Royal Devon & Exeter Hospital	UK: RD&E Hospital Number	 Expressio n-specific checksum 	Not applicable

Nаме	DESCRIPTION	VALIDATOR	Additional Verification	Predefined Template
US: ABA Routing Number	 Also known as routing transit number (RTN) 	US: ABA Routing Number	First two digits of the	Same name
	 Identifies the specific financial institution responsible for a negotiable instrument 		number • Expressio n-specific checksum	
	 Used in processing direct deposits and other automated transfers 			
US: California ID or Driver's License Number	 ID numbers issued by the State of California 	Not applicable	Not applicable	Same name
US: Dollar Amount	Dollar currency amount	Not applicable	Not applicable	Same name
US: HICN (Health Insurance	 Assigned to Medicare beneficiaries 	Not applicable	Not applicable	Same name
Claim Number)	Used in processing Medicare claims			

Nаме	DESCRIPTION	VALIDATOR	Additional Verification	Predefined Template
US: NPI (National Provider Identifier)	 Issued to health care providers and other HIPAA- covered entities engaged in standard HIPAA transactions, such as electronic claims and claim status inquiries 	US: National Provider Identifier	Expressio n-specific checksum	Same name
US: Phone Number	 Phone number used in the United States 	US: Phone Number	Area code	Same name
US: SSN (Social Security Number)	 Issued to citizens, permanent residents and eligible foreign nationals 	US: Social Security Number	 Area code Group number 	Same name
	 Used for taxpayer identification, income reporting, and record keeping 			

Recognized File Types

Trend Micro products recognize the following file types:

FILE TYPE	FILE EXTENSIONS
Executables	
DOS, Microsoft Windows® Executable File	.com, .exe

FILE TYPE	FILE EXTENSIONS			
Documents and Encoding Methods				
Adobe™ Portable Document Format (Non- encrypted)	.pdf			
Apache OpenOffice™ Writer	.odt, .ott, .stw, .sxw			
Corel® WordPerfect®	.wpd, .wps			
Extensible Markup Language (XML)	.xml			
Fuji Xerox DocuWorks™	.xbd, .xdw			
HyperText Markup Language (HTML)	.htm			
JustSystems Ichitaro	.jtd			
Lotus™ Ami Pro	.sam			
Microsoft Word for Windows (Non-encrypted)	.doc, .docm, .docx, .dot, .dotm, .dotx			
Microsoft Write	.wri			
Rich Text Format (RTF)	.rtf			
Standard Generalized Markup Language (SGML)	.sgml			
WordStar	.wsd			
Graphics				
Bitmap	.bmp			
Device Independent Bitmap (DIB)	.dib			
Digital Imaging and Communications in Medicine (DICOM)	.dcm			
Encapsulated PostScript (EPS)	.eps			
Graphical Environment Manager Raster File (GEM IMG)	.img			
Graphics Interchange Format (GIF)	.gif			

FILE TYPE	FILE EXTENSIONS
Joint Photographic Experts Group (JPEG)	.jpg
MacPaint	.mac
Portable Network Graphics (PNG)	.png
Tagged Image File Format (TIFF)	.tif, .tiff
Windows Icon Format	.ico
ZSoft PC Paintbrush	.pcx
Vector Graphics	
AutoCAD™	.dxf
AutoDesk™	.dwg, .dws
Bentley MicroStation	.cel, .dgn
Cadence® Virtuoso® 5.0 Layout Editor	.cdb
CATIA™	.CATDrawing, .CATPart, .CATProduct
CorelDRAW®	.cdr
Device Independent File (DVI)	.dvi
Graphic Data System	.gds
Mentor Graphics® Design Architect®	.attr, .sgfx, .ssht
Micrografx Windows Draw	.drw
PostScript	.ps
Siemens™ NX Unigraphics	.prt
Simple Vector Format (SVF)	.svf
SolidWorks®	.prtdot, .sldasm, .slddrw, .sldprt
Multimedia Files	
Adobe Flash™	.swf

FILE TYPE	FILE EXTENSIONS
Audio Interchange File Format (AIFF)	.aiff
Amiga MOD	.mod
Apple™ QuickTime™	.mov
Audio Video Interleave (AVI)	.avi
Musical Instrument Digital Interface (MIDI)	.mid
Moving Picture Experts Group (MPEG)	.mpeg, .mpg
Sun Microsystems Audio	.au
Waveform Audio File Format (WAV)	.wav
Windows Media Audio (WMA)	.wma
Windows Media Video (WMV)	.wmv
Compressed Files	
7zip	.7z
ARC	.arc
ARJ	.arj
Bzip2	.bz2
Compress	.Z
Сріо	.cpio
Gzip	.gz
LHA	.lzh
Microsoft Compiled HTML Help	.chm
Microsoft Outlook™ Message	.msg
Microsoft Outlook Data File	.pst
Microsoft Outlook Express Data File	.dbx

FILE TYPE	FILE EXTENSIONS
Multipurpose Internet Mail Extensions (MIME)	.eml
PGP	.pgp
RAR	.rar
Shell Archive (SHAR)	.shar
Tape Archive (TAR)	.tar
RPM Package	.rpm
Uuencode	.uue
Zip	.zip
Databases	
Base SAS Data File	.sas7bdat
Corel Paradox®	.db
Data Interchange Format (DIF)	.dif
dBase™	.dbf
Filemaker®	.fp7
Kanrikougaku Kenkyusho KIRI Database	.tbl
Microsoft Access™	.accdb, .mdb
Spreadsheets	
Apache OpenOffice Calc	.ods, .ots, .stc, .sxc
Comma Separated Values (CSV)	.CSV
Lotus 1-2-3	.123, .wk1, .wk3, .wk4, .wke, .wks
Microsoft Excel™ (Non-encrypted)	.xlam, .xlc, .xls, .xlsb, .xlsm, .xlsx, .xlt m, .xltx, .xlw
Quattro Pro®	.qpw, .wb3, .wb2, .wb1, .wq1

FILE TYPE	FILE EXTENSIONS			
Presentation and Diagram Files				
Apache OpenOffice Impress	.odp, .otp, .sti, .sxi			
Corel Presentations	.shw			
Lotus Freelance Graphics	.pre			
Microsoft PowerPoint™ for Windows - Non- encrypted	.pot, .potm, .potx, .pps, .ppsm, .ppsx, . ppt, .pptm, .pptx			
Microsoft Visio	.vdw, .vdx, .vsd, .vss, .vst, .vsx, .vtx			
Desktop Publishing Files				
Maker Markup Language (MML)	.mml			
Microsoft Publisher	.pub			
QuarkXPress®	.qxp			
Linked and Embedded Files				
Microsoft OneNote	.one			
Microsoft Project	.mpp			
Microsoft WinHelp	.hlp			
Object Linking and Embedding (OLE)	.iam, .idw, .ipt, .msoffice, .pqw			
Program Information File (PIF)	.pif			
Encrypted Files				
Encrypted compressed files	.7z, .rar, .zip			
Encrypted documents	.accdb, .doc, .docx, .pdf, .ppt, .pptx, .w b1, .wb2, .wq1, .wpd, .xls, .xlsx			

Predefined Keyword Lists

Trend Micro products provide the following predefined keyword lists:

Name	DESCRIPTION	CONDITIONS	Predefined Template
Adult	Words commonly associated with the adult entertainment industry, including pornographic websites	 Number of keywords: Specific number (4) 	Same name
Common Medical Terms	Terms used by hospitals and other health care providers	Number of keywords: Specific number (5)	Same name
Forms: (First), (Middle), Name	Common use of the "First", "Middle", and "Last Name" fields in documents such as forms	 Number of keywords: All Distance: 50 	Not applicable
Forms: Date of Birth	Common use of the "First", "Middle", and "Last Name" fields in documents such as forms	Number of keywords: All	Not applicable
Forms: Expiration Date	Common use of terms that indicate the expiration date of an item (such as a credit card) in documents such as forms	 Number of keywords: Any 	Not applicable
Forms: First Name, Last Name	Common use of the (First Name) and (Last Name) fields in documents such as forms	 Number of keywords: All Distance: 50 	Not applicable
Forms: Place of Birth	Common use of terms that indicate a person's birthplace in documents such as forms	 Number of keywords: Any 	Not applicable

NAME	DESCRIPTION	Conditions	Predefined Template
Forms: Street, City, State	Common use of the (State), (City) and (Street) fields in documents such as forms	 Number of keywords: All Distance: 50 	Not applicable
Japan: Surname in Hiragana (Match 50)	Japanese surnames typed in Hiragana * The list contains 1,672 Japanese surnames.	 Number of keywords: Specific number (50) 	Same name
Japan: Surname in Kanji 1 (Match 10)	Japanese surnames typed in Kanji * The list contains 2,000 Japanese surnames.	Number of keywords: Specific number (10)	Same name
Japan: Surname in Kanji 2 (Match 50)	Japanese surnames typed in Kanji * The list contains 2,000 Japanese surnames.	 Number of keywords: Specific number (50) 	Same name
Japan: Surname in Kanji 3 (Match 100)	Japanese surnames typed in Kanji * The list contains 2,000 Japanese surnames.	 Number of keywords: Specific number (100) 	Same name
Japan: Surname in Katakana (Match 50)	Japanese surnames typed in Katakana * The list contains 1,672 Japanese surnames.	 Number of keywords: Specific number (50) 	Same name
Japan: Surname in One-Byte Katakana (Match 50)	Japanese surnames typed in one-byte Katakana * The list contains 1,672 Japanese surnames.	 Number of keywords: Specific number (50) 	Same name

Nаме	DESCRIPTION	Conditions	Predefined Template
Racism	Words that may be offensive to specific ethnic groups	Number of keywords: Specific number (4)	Same name
Source Code: C#	Common source code functions/commands used in C#	 Number of keywords: All Case-sensitive 	Same name
Source Code: C/C ++	Common source code functions/commands used in C/C++	 Number of keywords: All Case-sensitive 	Same name
Source Code: COBOL	Common source code functions/commands used in COBOL	Number of keywords: Specific number (10)	Same name
Source Code: Java	Common source code functions/commands used in Java	 Number of keywords: Specific number (10) Case-sensitive 	Same name
Source Code: Perl	Common source code functions/commands used in Perl	 Number of keywords: All Case-sensitive 	Same name
Source Code: VB	Common source code functions/commands used in Visual Basic	Number of keywords: Specific number (10)	Same name

Name		CONDITIONS	Predefined Template
US: HCFA (CMS) 1500 Form	Standard claim form used by health care professionals and suppliers when requesting payment from Medicare for rendered services * HCFA - Health Care Financing Agency * CMS - Centers for Medicare and Medicaid Services	 Number of keywords: All Case-sensitive 	Same name
US: UB-04 Form	A universal billing form that simplifies and standardizes the billing and collection of health care data * UB – Uniform Bill	 Number of keywords: All Case-sensitive 	Same name
Weapons	Words that describe implements of violence	Number of keywords: Specific number (4)	Not applicable

Predefined Templates

Trend Micro products provide the following predefined templates:

Name	DESCRIPTION	COUNTRIES WITH DEDICATED TEMPLATES
GLBA	Gramm-Leach-Bliley Act; also known as the Financial Services Modernization Act	• US
	 Places stringent obligations and penalties on the financial services industry to safeguard the privacy of consumer financial information 	
HIPAA	Health Insurance Portability and Accountability Act	• US
	 A privacy rule that regulates the use and disclosure of certain information held by covered entities 	
PCI-DSS	 Payment Card Industry Data Security Standard An information security standard for organizations that handle cardholder information for major debit, credit, prepaid, e-purse, ATM, and POS cards 	• US
	 Created by the Payment Card Industry Security Standards Council to increase controls around cardholder data and to reduce credit card fraud 	
SB-1386	A California law that regulates the privacy of personal information	• US

TABLE 1-1.	Regulatory	/ Compliance	Templates
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TABLE 1-2. Ge	neric Templates
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Name	DESCRIPTION	COUNTRIES WITH DEDICATED TEMPLATES
Banking and Financial Information	Banking and financial information, such as banking	 Australia, New Zealand
	codes and routing numbers	• Canada
		Denmark
		France
		Germany
		• India
		Ireland
		Singapore
		South Korea
		• UK
		• US
Cardholder Information	Cardholder information, such as credit card numbers	 Australia, New Zealand
		• Canada
		Denmark
		France
		• India
		Ireland
		Singapore
		South Korea
		• UK
		• US

Name	DESCRIPTION	COUNTRIES WITH DEDICATED TEMPLATES
Financial Transaction Information	Financial transaction information, such as routing numbers and currency	• US
Healthcare Information	Healthcare information, such as patient data and health records	 Australia, New Zealand Canada India Ireland
		Singapore UK
Personally Identifiable Information	Information that can be used singly or with other sources to uniquely identify, contact or locate a single individual	 Australia, New Zealand Canada Denmark France India Ireland Singapore UK US
All Personally Identifiable Information (English)	Information that can be used singly or with other sources to uniquely identify, contact or locate a single individual	Not applicable
Contact/Customer/ Client List (English)	Contact/customer/client information, such as first name, last name, home address, and birth date	Not applicable

Name	DESCRIPTION	COUNTRIES WITH DEDICATED TEMPLATES
Source Code	Common source code functions/ commands	Not applicable

Single Expression Templates

See Predefined Expressions on page 1-2.

Single Keyword List Templates

See Predefined Keyword Lists on page 1-19.



Chapter 2

Data Loss Prevention - Supported Applications

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Data Recorders

Important

- Trend Micro recommends applying the latest OfficeScan patch or hot fix to receive full support for the data recorders included in this list.
- The following table lists data recording devices tested by Trend Micro. Some devices
 not in the list may also be supported. However, Trend Micro cannot be held
 responsible for any damage or loss of data that may occur through the use of any
 untested devices.

•	Pioneer™ DVR-XD09C 8X	•	Samsung™ SE-S084	•	Lenovo™ ThinkPad® T61
•	Sony™ AD-7240S	•	Pioneer™ AD-7240S		



Important

The following table lists data recording software tested by Trend Micro. Some software not in the list may also be supported. However, Trend Micro cannot be held responsible for any damage or loss of data that may occur through the use of any untested software.

Software	Mode	PROCESS NAME	VERSION
123 Copy DVD	Create Data CD/DVD Mode	123CopyDVDGold. exe	11.0.2.20
Active@ Data CD DVD Burner	Burn Data Mode	DataBurner.exe	3.1.24.0
AnyBurn	Burn Files/Folders to CD/DVD Mode	AnyBurn.exe	2.3.0.0
Ashampoo Burning Studio	Burn Data Mode	burningstudio14.ex e	14.0.5.10
Astroburn Lite	Files Mode	AstroburnLite.exe	1.8.0.182

Software	Mode	PROCESS NAME	VERSION
BINGO CD/DVD Writer	Data Disc Mode	CDWriter.exe	1.0.0.179
Burn4Free	Burn Data Mode	burn4free.exe	5.7.0 and 7.4.0
Burnatonce	Data CD Mode	mkisofs.exe	0.99.0.5
BurnAware	Data Disc Mode	DataDisc.exe	7.2.0.0
Cakewalk pyro Audio Creator	Burn Data Mode	AudioCreator.exe	1.5.2.289
CDBurnerXP	Data Disc Mode	cdbxpp.exe	4.2, 4.3, and 4.5
Cheetah CD	Burn Disc Mode	CheetahBurner.exe	4.1.0.13
Cheetah DVD	Burn Disc Mode	CheetahBurner.exe	2.5.0.35
CommandBurner	Burn a Disc Mode	CmdBurn.exe	3.5.0.69
Complex Evolution	Data Disc Mode	evo.exe	5.1.2.456
Corel DVD Movie Factory 7	Burn Data Disc Mode	BurnNow.dat	4.5.0.0
CyberLink Media Suite	Create CD/DVD Mode	PowerDirector.exe	9.0
CyberLink Power2Go	Data Disc Mode	power2go.exe	6.0, 7.0, 8.0, 9.0
CyberLink PowerDirector	Create CD/DVD Mode	PowerDirector.exe	9.0
CyberLink PowerProducer	Create CD/DVD Mode	Producer.exe	5.5
DAEMON Tools Ultra	Burn Data Disc Mode	DTUltra.exe	2.4.0.280
DeepBurner	Create Data CD/DVD Mode	deepburner.exe	1.9.0.228
Engelmann CDRWIN 10	Data Mode	CDRWIN10.exe	10.0.13.716

Software	Mode	PROCESS NAME	VERSION
Explore&Burn	Burn Files to Disc Mode	dllhost.exe	1.7.2.718
Express Burn	Data DVD Mode	expressburn.exe	4.68
	Data CD Mode		
FarStone VirtualDrive Pro	Burn Custom Disc Mode	DVDCreator.exe	1.6.0.0
FinalBurner	Burn Mode	burner.exe	2.24.0.195
GEAR Pro Mastering Edition	Create New CD- ROM Mode	gear.exe	8.1.0.32
GetData Burn My Files	Burn Data Disc Mode	BurnMyFiles.exe	3.6.2.608
Gold Burn	Data Mode	DataBurner.exe	6.5.6
Ha! CD Burner Manager	File Copier Mode	FileCopier.exe	5.0.2.0
ImgBurn	Write Files/ Folders to Disc Mode	ImgBurn.exe	2.5.8.0
InfraRecorder	Data Disc Mode	infrarecorder.exe	0.53.0.0
MAEMedia Goodisc CD DVD Burner	Data CD/DVD Mode	DataBurner.exe	4.8.4
Magic Burning Studio	Data Mode	DataBurner.exe	12.3.1.31
Magic Burning ToolBox	Data CD/DVD Mode	DataBurner.exe	6.5.1
MeMedia SpeedBurn Disc Maker	Data CD/DVD Mode	DataBurner.exe	3.5.1
MEPMedia BurnPro	Data Mode	DataBurner.exe	7.8.5

Software	Mode	PROCESS NAME	VERSION
Nero 9, Nero Burning ROM, or Nero StartSmart	Data Burning Mode	Nero.exe or NeroStartSmart.ex e	8.0, 9.4, Multimedia Suite 10.5, 11.0.11000, 12.5.01900, 15.0.07100
Nero Express	Data CD/DVD Mode	NeroExpress.exe	9.4.44.100
NewTech NTI CD&DVD Maker	Data CD Mode	cdmkr32.exe	7.0
NTI Media Maker Express	Data Disc Mode	Cdmkr32u.exe	9.0.1601.0
PowerISO	Burn Mode	PowerISO.exe	6.0.0.0
RecordMax Burning Studio	Data Mode	DataBurner.exe	7.5.2
Roxio™ Creator	Data Disc/Creator Classic Mode	RoxioCentralFx.ex e	2012
Roxio Creator Gold 4	Data Disc/Creator Classic Mode	creator13.exe	2011 Enterprise Edition
Roxio Creator NXT Pro	Data Disc/Creator Classic Mode	Roxio Burn.exe or RoxioCentralFx.ex e	14.0.36.0
Roxio Easy Media Creator	Data Disc/Creator Classic Mode	RxMon.exe	9.0, 2010, Enterprise 2010, 2011
Roxio WinOnCD	Data Disc Mode	RoxWatch9.exe or Roxio_Central33.e xe	3.30.77.0
SilentNight MicroBurner	Data CD/DVD Mode	microburner.exe or splwow64.exe	5.0.0.10
Sonne DVD Burner	Burn Files to Data Disc Mode	btd.exe	4.3.0.2162

Software	Mode	PROCESS NAME	VERSION
StarBurn	Burn Data Mode	DataBurnerAdv.ex e	13.1.0.0
Tiny Burner	Burn Mode	DataBurnerAdv.ex e	1.0.0.202
UsefulUtils Discs Studio	Burn Data CD/DVD Mode	UUDiscsStudio.exe	3.0.2.17000
Virtual CD	Assemble Data Mode	VC10Edit.exe	10.1.0.70
VSO CopyTo5	Create a Data Disc Mode	BurnEngine.exe	5.1.1.3
WinISO	Burn Mode	WinISO.exe	6.4.0.5170
Windows Explorer	Explorer/USB Disk Mode	explorer.exe or imapi.exe	Any version compatible with the host machine's operating systems
Windows Media Player	Burn Mode	wmplayer.exe	Any version compatible with the host machine's operating systems

Email Clients



Important

The following table lists email clients tested by Trend Micro. Some clients not in the list may also be supported. However, Trend Micro cannot be held responsible for any damage or loss of data that may occur through the use of any untested clients.

EMAIL CLIENT	EDITION	PROTOCOL	Version
CommuniCrypt Mail, Un-crypt Mode	Not applicable	SMTP	1.1.6
Eudora™	Sponsored Mode	SMTP	7.1.0.9
Lotus Notes™	Not applicable	Not applicable	7.0, 8.0, 8.5.3
Mail (for Windows 8)	Windows Store app	Not applicable	Not applicable
Microsoft Outlook	Standard and Professional Edition	Not applicable	2003
	Standard, Professional, and Professional Plus Edition	Not applicable	2007
	Professional Plus Edition	Not applicable	2010 (32-bit and 64-bit)
	Professional Plus Edition	Not applicable	2013 (32-bit and 64-bit)
Microsoft™ Outlook™ Express	Not applicable	SMTP	6.0
Mozilla™ Thunderbird™	Not applicable	SMTP	2.0.0.17, 3.1, 7.0, 12.0.1, 16.0, 17.0
Pegasus	Not applicable	SMTP	4.42
PocoMail™	Not applicable	SMTP	4.5.0.3910, 4.8
The Bat!	Professional Edition	SMTP	4.0.34
Windows™ Live™ Mail	Not applicable	SMTP	2009
Windows Mail on Windows Vista™	Not applicable	SMTP	6.0

FTP

Important

The following table lists FTP clients tested by Trend Micro. Some clients not in the list may also be supported. However, Trend Micro cannot be held responsible for any damage or loss of data that may occur through the use of any untested clients.

FTP CLIENT	Edition	VERSION
BulletProof FTP	Not applicable	2.63
Core FTP Lite	Not applicable	2.1
CuteFTP™	Professional Edition	8.3
Filezilla Client	Not applicable	3.3.0.1
Filezilla Server	Not applicable	0.9.33 beta
FTP Commander	Basic Version	8.0
	Deluxe Version	9.0.2
	Pro Version	8.0
FTP Command Line (ftp.exe)	Not applicable	Any version compatible with the host machine's operating system
FTP Explorer	Not applicable	8.8.23.1
IPswitch™ WS_FTP™	Professional Edition	12.2
Microsoft Internet Explorer	Not applicable	6.0 SP2/SP3, 7.0, 8.0
NCFTP (Command Line FTP Client)	Not applicable	3.2.2
SmartFTP	Not applicable	4.0.1216 (32-bit and 64-bit)
Windows Explorer	Not applicable	Any version compatible with the host machine's operating system

HTTP and HTTPS

Important

- Trend Micro recommends applying the latest OfficeScan patch or hot fix to receive full support for the web browsers included in this list.
- The following table lists web browsers tested by Trend Micro. Some browsers not in the list may also be supported. However, Trend Micro cannot be held responsible for any damage or loss of data that may occur through the use of any untested browsers.

Browser	PROTOCOL	VERSION
Google™ Chrome™	НТТР	16.x, 17.x, 18.x, 19.x, 20.x, 21.x, 22.x, 23.x, 24.x, 25.x, 26.x, 27.x, 28.x, 29.x, 30.x, 31.x, 32.x, 33.x, 34.x, 35.x, 36.x, 37.x
	HTTPS	19.0.1084.52, 19.0.1084.56, 20.0.1132.47, 20.0.1132.57, 21.0.1180.60, 21.0.1180.79, 21.0.1180.89, 22.0.1229.79, 23.0.1271.64m, 24.0.1312.52m, 24.0.1312.57m, 25.0.1364.152, 25.0.1364.160, 25.0.1364.172, 26.0.1410.43, 27.0.1453.93, 27.0.1453.94, 27.0.1453.110, 27.0.1453.116, 28.0.1500.71, 28.0.1500.72, 28.0.1500.95, 29.0.1547.62, 29.0.1547.66, 29.0.1547.76, 30.0.1599.69, 30.0.1599.101, 31.0.1650.63, 32.0.1700.32, 32.0.1700.76, 32.0.1700.107, 33.0.1750.117, 33.0.1750.154, 34.0.1847.116, 35.0.1916.153, 36.0.1985.143, 37.0.2062.94

Browser	PROTOCOL	VERSION
Microsoft Internet Explorer	HTTP, HTTPS	6.0 SP2/SP3, 7.0, 8.0, 9.0, 10.0 (32-bit and 64-bit), 11.0 (32-bit and 64-bit)
Microsoft Internet Explorer	HTTP, HTTPS	Windows Store app
Mozilla Firefox	HTTP, HTTPS	3.0, 3.5, 4,0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0, 13.0, 14.0, 15.0, 16.0.2, 17.0, 18.0, 19.0, 20.0.1, 21.0, 22.0, 23.0, 24.0, 25.0, 26.0, 27.0.1, 28.0, 29.0, 30.0, 31.0, 32.0



Important

The following table lists web applications tested by Trend Micro. Some applications not in the list may also be supported. However, Trend Micro cannot be held responsible for any damage or loss of data that may occur through the use of any untested applications.

APPLICATION		VERSION
Baidu Library	Not applicable	Not applicable
Cybozu™	Not applicable	2.5 (0.3)
Desknet's	Not applicable	V7.0J R1.6 (Japanese)
Domino™ Web Access	DWA and iNotes	7.0, 8.0, 8.5, 9.0
Facebook (message posting and photo uploading)	Not applicable	Not applicable
Microsoft Outlook Web Access	Premium and Basic	2003
	Premium and Light	2007, 2010, 2013
MyWeb™ Portal Office	Not applicable	Not applicable
Sina Weibo (message posting)	Not applicable	Not applicable
Twitter	Not applicable	Not applicable

IM Applications

Important

The following table lists IM applications tested by Trend Micro. Some applications not in the list may also be supported. However, Trend Micro cannot be held responsible for any damage or loss of data that may occur through the use of any untested applications.

Application	VERSION
AOL™ Instant Messenger™	6.9, 7.2, 7.5
MSN™ on Windows Server 2003	8.5
Skype™	4.0, 4.1, 4.2, 5.2, 5.5, 5.8, 5.10, 5.11.0.102, 6.0.0.120
Tencent QQ Note Trend Micro products support only detection of sensitive files transmitted using this application.	2011, 2012, 2013
Windows Live Messenger™	2009, 2011, 2012
Windows Messenger	4.7, 5.1
Yahoo!™ Messenger	10.0, 11.0, 11.5

Peer-to-Peer Applications

Important

The following table lists peer-to-peer applications tested by Trend Micro. Some applications not in the list may also be supported. However, Trend Micro cannot be held responsible for any damage or loss of data that may occur through the use of any untested applications.

APPLICATION	VERSION
Apple iTunes for Microsoft Windows	10.5.3.3, 10.7
BitComet	1.29 (32-bit and 64-bit)
BitTorrent™	7.5
Dropbox for Microsoft Windows	1.2.51, 1.4.17
Emule	0.50a
Emule Plus	1.2b, 1.2e
HTC Sync	3.0.5606, 3.2.20
µTorrent™	3.0.0.25683

PGP Encryption



Important

The following table lists PGP encryption software tested by Trend Micro. Some software not in the list may also be supported. However, Trend Micro cannot be held responsible for any damage or loss of data that may occur through the use of any untested software.

Software	Mode	VERSION
PGP Desktop	Self-decrypting Archive Mode	 9.8.3, 9.9.1 (32-bit) 10.0.3, 10.1.0, 10.1.1, 10.2.0 (32-bit and 64- bit)

Printer

Important

The following table lists print-capable applications that were tested by Trend Micro. Some applications not in the list may also be supported. However, Trend Micro cannot be held responsible for any damage or loss of data that may occur through the use of any untested applications.

	Edition	VERSION
Adobe Acrobat™	Standard and Pro	10.x
Adobe Reader™	Not applicable	7.0, 8.0, 9.20, 10.x, 11.0
Microsoft Paint	Not applicable	Any version compatible with the host machine's operating system
Microsoft Visual Studio™	Not applicable	2005
Microsoft Word, Excel, and PowerPoint	Standard, Professional, and Premium Edition	2000
Microsoft Word, Excel, PowerPoint, and Visio	Standard and Professional Edition	2003
Microsoft Word, Excel, and PowerPoint	Standard, Professional, and Professional Plus Edition	2007
	Standard, Professional, and Professional Plus Edition	2010 (32-bit)
	Professional Plus Edition	2010 (64-bit)
	Professional Plus Edition	2013 (64-bit)
TextPad™	Not applicable	5.4.2
UltraEdit	Not applicable	17.20.1016

	EDITION	VERSION
Windows Notepad	Not applicable	Any version compatible with the host machine's operating system
Windows Wordpad	Not applicable	Any version compatible with the host machine's operating system

Removable Storage

Important

The following table lists removable storage devices tested by Trend Micro. Some devices not in the list may also be supported. However, Trend Micro cannot be held responsible for any damage or loss of data that may occur through the use of any untested devices.

•	Memory Stick™ Pro Duo	•	miniSD™ card	•	USB 15-in-1 media reader
	microSD™ card	•	MMC card	•	USB storage device (hard disk drive or flash drive)



Important

The following table lists data transmission-capable applications tested by Trend Micro. Some applications not in the list may also be supported. However, Trend Micro cannot be held responsible for any damage or loss of data that may occur through the use of any untested applications.

APPLICATION	Edition	VERSION
Adobe Reader	Not applicable	9.x, 10.x, 11.0

APPLICATION	Edition	VERSION
Microsoft Excel	Standard, Professional, and Premium Edition	2000
	Standard and Professional Edition	2003
	Standard, Professional, and Professional Plus Edition	2007
	Standard, Professional, and Professional Plus Edition	2010 (32-bit)
	Professional Plus Edition	2010 (64-bit)
	Professional Plus Edition	2013 (32-bit and 64-bit)
Microsoft Internet	Not applicable	6.0 SP2/SP3
Explorer	Not applicable	7.0
	Not applicable	8.0 (32-bit and 64-bit)
	Not applicable	9.0 (32-bit and 64-bit)
	Not applicable	10.0 (32-bit and 64-bit)
Microsoft PowerPoint	Standard, Professional, and Premium Edition	2000
	Standard and Professional Edition	2003
	Standard, Professional, and Professional Plus Edition	2007
	Standard, Professional, and Professional Plus Edition	2010 (32-bit)
	Professional Plus Edition	2010 (64-bit)
	Professional Plus Edition	2013 (32-bit and 64-bit)

APPLICATION	Edition	VERSION
Microsoft Word	Standard, Professional, and Premium Edition	2000
	Standard and Professional Edition	2003
	Standard, Professional, and Professional Plus Edition	2007
	Standard, Professional, and Professional Plus Edition	2010 (32-bit)
	Professional Plus Edition	2010 (64-bit)
	Professional Plus Edition	2013 (32-bit and 64-bit)
Mozilla Firefox	Not applicable	3.0, 3.5, 4,0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0, 13.0, 14.0, 15.0, 16.0.2, 17.0
Reader (for Windows 8)	Windows Store app	Not applicable
UltraEdit	Not applicable	17.20.1016
Windows Command Prompt (COPY and MOVE commands)	Not applicable	Any version compatible with the host machine's operating system
Windows Explorer	Not applicable	Any version compatible with the host machine's operating system
Windows Notepad	Not applicable	Any version compatible with the host machine's operating system
Windows Wordpad	Not applicable	Any version compatible with the host machine's operating system

SMB Protocol



Important

The following table lists shared file access-capable applications that were tested by Trend Micro. Some applications not in the list may also be supported. However, Trend Micro cannot be held responsible for any damage or loss of data that may occur through the use of any untested applications.

	Edition/Mode	VERSION
Adobe Reader	Not applicable	9.x, 10.x, 11.0
Microsoft Excel	Standard, Professional, and Premium Edition	2000
	Standard and Professional Edition	2003
	Standard, Professional, and Professional Plus Edition	2007
	Standard, Professional, and Professional Plus Edition	2010 (32-bit)
	Professional Plus Edition	2010 (64-bit)
	Professional Plus Edition	2013 (32-bit and 64-bit)
Microsoft Internet	Not applicable	6.0 SP2/SP3
Explorer	Not applicable	7.0
	Not applicable	8.0 (32-bit and 64-bit)
	Not applicable	9.0 (32-bit and 64-bit)
	Not applicable	10.0 (32-bit and 64-bit)

APPLICATION	Edition/Mode	VERSION
Microsoft PowerPoint	Standard, Professional, and Premium Edition	2000
	Standard and Professional Edition	2003
	Standard, Professional, and Professional Plus Edition	2007
	Standard, Professional, and Professional Plus Edition	2010 (32-bit)
	Professional Plus Edition	2010 (64-bit)
	Professional Plus Edition	2013 (32-bit and 64-bit)
Microsoft Word	Standard, Professional, and Premium Edition	2000
	Standard and Professional Edition	2003
	Standard, Professional, and Professional Plus Edition	2007
	Standard, Professional, and Professional Plus Edition	2010 (32-bit)
	Professional Plus Edition	2010 (64-bit)
	Professional Plus Edition	2013 (32-bit and 64-bit)
Mozilla Firefox	Not applicable	3.0, 3.5, 4,0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0, 13.0, 14.0, 15.0, 16.0.2, 17.0
Reader (for Windows 8)	Windows Store app	Not applicable
UltraEdit	Not applicable	17.20.1016
Windows Command Prompt (COPY and MOVE commands)	Not applicable	Any version compatible with the host machine's operating system

APPLICATION	Edition/Mode	VERSION
Windows Explorer	Not applicable	Any version compatible with the host machine's operating system
Windows Notepad	Not applicable	Any version compatible with the host machine's operating system
Windows Wordpad	Not applicable	Any version compatible with the host machine's operating system

Synchronization Software (ActiveSync)



Important

The following table lists synchronization software tested by Trend Micro. Some software not in the list may also be supported. However, Trend Micro cannot be held responsible for any damage or loss of data that may occur through the use of any untested software.

- Microsoft ActiveSyncTM 4.5
- Windows Mobile Device Center

The required Windows Mobile Device Center version depends on the endpoint's operating system. For more information, visit the Microsoft website.

Webmail



Important

The following table lists web-based email services tested by Trend Micro. Some services not in the list may also be supported. However, Trend Micro cannot be held responsible for any damage or loss of data that may occur through the use of any untested services.

EMAIL SERVICE		
139 Webmaill	Default edition	
126.com Webmail	Default edition	
163.com Webmail	Default edition	
AOL Mail	Standard, Accessible, and Basic Edition	
Gmail™	Standard New, Standard, and Basic HTML (HTTP and HTTPS)	
Hotmail™	With or without Silverlight (HTTP and HTTPS)	
Outlook.com	Default edition	
Mail (for Windows 8)	Default edition (Hotmail.com, Live.com, and Outlook.com)	
	Other email services are not supported.	
SINA Webmail	Default edition	
Sohu Webmail	Default edition	
Tencent QQ Webmail	Default edition	
Yahoo! Mail	Classic and New Edition	



Chapter 3

Device Control - Supported Device Models

Lists in this chapter:

Supported Device Models on page 3-2

Supported Device Models

Trend Micro products support the following device models:

DEVICE TYPE	Devi	E MODELS	
Removable disk	Flash drives	Storage cards	
drives	• ADATA™ USB 3.0 8GB	• Hitachi™ MMC, 128MB	
	 Buffalo™ Secure Lock 	SanDisk Extreme III, Compact	
	• EDGE™ DiskGo™, 2GB	Flash™ card, 30MB/s, 4GB	
	 Kingston™ DataTraveler, 2GB 	 SanDisk Extreme™ III, SDHC™, 4GB 	
	 Lenovo™ USB 2.0 1GB 	 SanDisk[™] MicroSD[™], 2GB 	
	 Memorex[™] USB 2.0 	Simple SD Card	
	32MB	 Sony[™] Memory Stick Pro-HG Duo[™], 4GB 	
	 Micro Center™, 1GB MSI™, 2GB 	 Transcend[™] MMCplus[™], 2GB 	
	PNY Premium, 2GB	Hubs	
	 SanDisk Cruzer™ Slice™, 2GB 	• Belkin™	
	SanDisk Extreme, 8GB		
	 Smartphone as USB device (Nokia™ N97) 		
CD/DVD	 Pioneer™ DVR-XD09C 8X 	Sony AD-7240S	
	• Samsung™ SE-S084		
COM and LPT ports	Desktop ports		
Floppy disks	Virtual machine floppy driv	ver	
IEEE 1394 interface	IEEE 1394 interface on la	otops	

DEVICE TYPE	DEVICE MODELS		
Imaging devices	 Apple™ iPhone™ and smartphones running Android™ that are connected to a Windows XP computer Canon™ CanoScan LiDE 200 IBM™ Thinkpad™ Fast Infrared Port Teclast USB camera band Note On a Windows 7 computer, Apple iPhone and smartphones running Android are considered portable devices. Portable devices are currently not supported. 		
Modems	 Mobile Phone (Nokia E50) Tenda[™] 56K USB Modem (M5609U) ZTE[™] EVDO modem 		
PCMCIA card	Ricoh™ R/RL/5C476 USB 2.0 + IEEE 1394 CardBus PC Card		
Print screen key	Print screen key on desktops		



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Item Code: LPEM55806/121205