# Data Protection

## Lists (Release 1.0)

For Enterprise and Medium Business

**TREND MICRO**

Endpoint Security          Protected Cloud          Web Security

TREND MICRO
SMART
PROTECTION
NETWORK™

This document contains information common to all Trend Micro products that support data protection features.

Detailed information about how to use specific features within your product may be available in the Trend Micro Online Help Center and/or the Trend Micro Knowledge Base at the Trend Micro website. Read through the documentation before installing or using the product.

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**Disclaimer**

# Chapter 1

# Data Loss Prevention - Predefined Data Identifiers and Templates

**Lists in this chapter**:

# Predefined Expressions

Trend Micro products provide the following predefined expressions:

| Name | Description | Validator | Additional Verification | Predefined Template |
|------|-------------|-----------|-------------------------|---------------------|
| All: Credit Card Number | • Credit card numbers | Credit Card Number | • Number prefix<br>• 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<br>• 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 |

| Name | 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<br><br>• A standard format of business identifier codes approved by the International Organization for Standardization (ISO)<br><br>• Used by financial institutions and other entities in transactions such as money transfers | SWIFT BIC (SWIFT Business Identifier Code) | • Country code<br><br>• 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<br><br>• Case-sensitive | Same name |

| Name | 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 <br> • LUHN checksum | Same name |
| China: National ID Number | • Used by citizens in accessing public and private services | China: National ID Number | • Birth date embedded in the number <br> • Expression-specific checksum | Same name |
| Date: Full (day/month/year) | • Date format commonly used in the United Kingdom <br>   • dd/mm/yy or dd-mm-yy <br>   • dd/mm/yyyy or dd-mm-yyyy | Date (day-month-year) | • Month range <br> • Day range <br> • Year earlier than 2051 | Not applicable |
| Date: Full (month/day/year) | • Date format commonly used in the United States <br>   • mm/dd/yy or mm-dd-yy <br>   • mm/dd/yyyy or mm-dd-yyyy | Date (month-day-year) | • Month range <br> • Day range <br> • 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)<br><br>• yy/mm/dd or yy-mm-dd<br><br>• yyyy/mm/dd or yyyy-mm-dd | Date (year-month-day) | • Month range<br><br>• Day range<br><br>• Year earlier than 2051 | Not applicable |
| Date: Partial (month/year) | • Date format that specifies only the month and year<br><br>• mm/yy<br><br>• mm/yyyy | Not applicable | Not applicable | Not applicable |
| Denmark: CPR-nummer (Personal ID Number) | • Also known as personnummer<br><br>• Used in transactions with government agencies and private financial institutions | Denmark: Personal ID Number | • Expression-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 | • Expression-specific checksum | Same name |

| Name | 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 | • Expression-specific checksum | Same name |
| France: Les Codes INSEE - Institut National 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)<br><br>• Used to identify entities<br><br>• Functions as a national ID number | France: INSEE Code | • Expression-specific checksum | Same name |
| France: NIR - Numéro d'Inscription au Repertoire (Social Security Number) | • Also known as National Registration Number<br><br>• 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 Number) | • Issued by the German tax administration | Germany: Taxpayer ID Number | • Birth month and day<br>• Expression-specific checksum<br>• Case-sensitive | Same name |
| Ireland: PPSN (Personal Public Service Number) | • Used in accessing social welfare benefits, public services, and information | Ireland: Personal Public Service Number | • Expression-specific checksum<br>• 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<br>• yyyy/mm/dd<br>• yy/mm/d<br>• yy.mm.dd<br>• syy.m.d<br>• yyyy-m-d | Not applicable | Not applicable | Not applicable |

| Name | 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 Contribuyentes (Tax ID Number) | • Issued to legal entities | Mexico: Tax ID Number | Expression-specific checksum | Same name |
| Norway: Fødselsnummer (Personal ID Number) | • Issued at birth or upon registration with the National Population Register | Norway: Personal ID Number | • Birth date and personal identifier embedded in the number<br><br>• 2 expression-specific checksums | Same name |
| Poland: Dowód Osobisty (National Identity Card Number) | • Appears on the identity card issued to citizens | Poland: National Identity Card Number | • Expression-specific checksum<br><br>• Case-sensitive | Same name |
| Poland: PESEL - Powszechny Elektroniczny System Ewidencji Ludności (National ID Number) | • Issued to permanent and temporary residents | Poland: National ID Number | • Expression-specific checksum | Same name |

| Name | 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 | • Expression-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 embedded in the number <br> • 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 <br> • 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 |

| NAME | DESCRIPTION | VALIDATOR | ADDITIONAL VERIFICATION | PREDEFINED TEMPLATE |
|---|---|---|---|---|
| Spain: NIF - Número de Identificación Fiscal (Tax ID Number) | • Used to monitor income tax contributions and financial status<br><br>• Issued to citizens; for non-citizens, it is called NIE or Número de Identificación de Extranjero | Spain: Tax ID Number | • Expression-specific checksum<br><br>• 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 | • Expression-specific checksum | Not applicable |
| Taiwan: National ID Number | • Issued to nationals who have household registration in Taiwan<br><br>• Used in transactions that require identity verification | Taiwan: National ID Number | • Gender digit<br><br>• Expression-specific checksum<br><br>• 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 | • Expression-specific checksum | Same name |
| Taiwan: VGH Medical Record Number | • Used to identify patients in the Taiwan Veterans General Hospital | Taiwan: VGH Medical Record Number | • Expression-specific checksum | Same name |

| Name | 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 | • Expression-specific checksum | Same name |
| UK: NHS Number (National Health Service Number) | • Used to identify patients and locate health records | UK: National Health Service Number | • Expression-specific checksum | Same name |
| UK: NIN (National Insurance Number) | • Used to record national insurance and tax contributions<br><br>• 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 | • Expression-specific checksum | Not applicable |

| Name | Description | Validator | Additional Verification | Predefined Template |
|---|---|---|---|---|
| US: ABA Routing Number | • Also known as routing transit number (RTN)<br><br>• Identifies the specific financial institution responsible for a negotiable instrument<br><br>• Used in processing direct deposits and other automated transfers | US: ABA Routing Number | • First two digits of the number<br><br>• Expression-specific checksum | Same name |
| 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 Claim Number) | • Assigned to Medicare beneficiaries<br><br>• Used in processing Medicare claims | Not applicable | Not applicable | Same name |

| Name | 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 | • Expression-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<br><br>• Used for taxpayer identification, income reporting, and record keeping | US: Social Security Number | • Area code<br><br>• Group number | Same name |

# 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 |
| Cpio | .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, .xltm, .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, .wb1, .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<br>• 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<br>• 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<br><br>• Distance: 50 | Not applicable |
| Japan: Surname in Hiragana (Match 50) | Japanese surnames typed in Hiragana<br><br>*\* 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<br><br>*\* 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<br><br>*\* 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<br><br>*\* 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<br><br>*\* 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<br><br>*\* The list contains 1,672 Japanese surnames.* | • Number of keywords: Specific number (50) | Same name |

| Name | 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<br>• Case-sensitive | Same name |
| Source Code: C/C ++ | Common source code functions/commands used in C/C++ | • Number of keywords: All<br>• 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)<br>• Case-sensitive | Same name |
| Source Code: Perl | Common source code functions/commands used in Perl | • Number of keywords: All<br>• 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 | DESCRIPTION | 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<br><br>*HCFA - Health Care Financing Agency*<br><br>*CMS - Centers for Medicare and Medicaid Services* | • Number of keywords: All<br><br>• Case-sensitive | Same name |
| US: UB-04 Form | A universal billing form that simplifies and standardizes the billing and collection of health care data<br><br>*UB – Uniform Bill* | • Number of keywords: All<br><br>• 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:

TABLE 1-1. Regulatory Compliance Templates

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

**TABLE 1-2. Generic Templates**

| NAME | DESCRIPTION | COUNTRIES WITH DEDICATED TEMPLATES |
|---|---|---|
| Banking and Financial Information | Banking and financial information, such as banking codes and routing numbers | • Australia, New Zealand<br>• Canada<br>• Denmark<br>• France<br>• Germany<br>• India<br>• Ireland<br>• Singapore<br>• South Korea<br>• UK<br>• US |
| Cardholder Information | Cardholder information, such as credit card numbers | • Australia, New Zealand<br>• Canada<br>• Denmark<br>• France<br>• India<br>• Ireland<br>• Singapore<br>• South Korea<br>• UK<br>• 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<br>• Canada<br>• India<br>• Ireland<br>• Singapore<br>• 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<br>• Canada<br>• Denmark<br>• France<br>• India<br>• Ireland<br>• Singapore<br>• UK<br>• 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

**Lists in this chapter:**

# Data Recorders

> ⚠️ **Important**
>
> The following table lists data recording devices and software tested by Trend Micro. Some devices and 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 devices or software.

| DEVICE/SOFTWARE | MODE | PROCESS NAME | VERSION |
|---|---|---|---|
| Burn4Free | Burn Data Mode | burn4free.exe | 5.7.0 |
| CDBurnerXP | Data Disc Mode | cdbxpp.exe | 4.2 and 4.3 |
| CyberLink Power2Go | Data Disc Mode | power2go.exe | 6.0 and 7.0 |
| CyberLink PowerDirector | Create CD/DVD Mode | PowerDirector.exe | 9.0 |
| CyberLink PowerProducer | Create CD/DVD Mode | Producer.exe | 5.5 |
| DeepBurner | Create Data CD/DVD Mode | deepburner.exe | 1.9.0.228 |
| Nero Express, Nero Burning ROM, or Nero StartSmart | | neroexpress.exe, nero.exe, or Nerostartsmart.exe | 8.0, 9.4, Multimedia Suite 10.5 |
| NewTech NTI CD&DVD Maker | Data CD Mode | cdmkr32.exe | 7.0 |
| Roxio™ Creator | Data Disc/Creator Classic Mode | RoxioCentralFx.exe | 2012 |
| Roxio Creator Gold 4 | Data Disc/Creator Classic Mode | creator13.exe | 2011 Enterprise Edition |
| Roxio Easy Media Creator | Data Disc/Creator Classic Mode | RxMon.exe | 9.0, 2010, Enterprise 2010, 2011 |

| DEVICE/SOFTWARE | MODE | PROCESS NAME | VERSION |
|---|---|---|---|
| Windows Explorer | Explorer/USB Disk Mode | explorer.exe or imapi.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 and 8.0 |
| 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) |
| Microsoft™ Outlook™ Express | Not applicable | SMTP | 6.0 |
| Mozilla™ Thunderbird™ | Not applicable | SMTP | 2.0.0.17, 3.1, and 7.0 |

| EMAIL CLIENT | EDITION | PROTOCOL | VERSION |
|---|---|---|---|
| Pegasus | Not applicable | SMTP | 4.42 |
| PocoMail™ | Not applicable | SMTP | 4.5.0.3910 and 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 CLIENT | EDITION | VERSION |
|---|---|---|
| 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/SP, 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**

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™ | HTTP | 17.0 |
| Microsoft Internet Explorer | HTTP, HTTPS | 6.0 SP2/SP3, 7.0, 8.0, 9.0 (32-bit and 64-bit) |
| Mozilla Firefox | HTTP, HTTPS | 3.0, 3.5, 3.6, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0 |

> **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 | MODE/EDITION | VERSION |
|---|---|---|
| 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 |
| Facebook (message posting and photo uploading) | Not applicable | Not applicable |
| Microsoft Outlook Web Access | Premium and Basic | 2003 |
| | Premium and Light | 2007, 2010 |
| 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 |

| APPLICATION | VERSION |
|---|---|
| MSN™ on Windows Server 2003 | 8.5 |
| Skype™ | 4.0, 4.1, 4.2, 5.2, 5.5, 5.8 |
| Windows Live Messenger™ | 2009, 2011 |
| 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 |
| BitComet | 1.29 (32-bit and 64-bit) |
| BitTorrent™ | 7.5 |
| Dropbox for Microsoft Windows | 1.2.51 |
| Emule | 0.50a |
| Emule Plus | 1.2b |
| HTC Sync | 3.0.5606 |
| 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, 10.0.3, 10.1.0, 10.1.1, 10.2.0 (32-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.

| APPLICATION | EDITION | VERSION |
|---|---|---|
| Adobe Acrobat™ | Standard and Pro | 10.x |
| Adobe Reader™ | Not applicable | 7.0, 8.0, 9.20, 10.x |
| 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 |

| APPLICATION | EDITION | VERSION |
|---|---|---|
| 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) |
| TextPad™ | Not applicable | 5.4.2 |
| UltraEdit | Not applicable | 15.20.0.1020 and 17.20.1016 |
| 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 |
|---|---|---|
| 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) |
| Microsoft Internet Explorer | Not applicable | 6.0 SP2/SP3 |
| | Not applicable | 7.0 |
| | Not applicable | 8.0 (32-bit and 64-bit) |
| | Not applicable | 9.0 (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) |

| 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) |
| Mozilla Firefox | Not applicable | 3.0, 3.5, 4,0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0 |
| 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.

| APPLICATION | EDITION/MODE | 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) |
| Microsoft Internet Explorer | Not applicable | 6.0 SP2/SP3 |
| | Not applicable | 7.0 |
| | Not applicable | 8.0 (32-bit and 64-bit) |
| | Not applicable | 9.0 (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) |
| 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) |
| Mozilla Firefox | Not applicable | 3.0, 3.5, 4,0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0 |
| 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 |

| APPLICATION | EDITION/MODE | VERSION |
|---|---|---|
| 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 ActiveSync™ 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 | MODE/EDITION |
|---|---|
| AOL Mail | Standard, Accessible, and Basic Edition |
| Gmail™ | Standard New, Standard, and Basic HTML (HTTP and HTTPS) |

| EMAIL SERVICE | MODE/EDITION |
|---|---|
| Hotmail™ | With or without Silverlight (HTTP and HTTPS) |
| 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 | DEVICE MODELS | |
|---|---|---|
| Removable disk drives | Flash drives<br><br>• ADATA™ USB 3.0 8GB<br>• Buffalo™ Secure Lock<br>• EDGE™ DiskGo™, 2GB<br>• Kingston™ DataTraveler, 2GB<br>• Lenovo™ USB 2.0 1GB<br>• Memorex™ USB 2.0 32MB<br>• Micro Center™, 1GB<br>• MSI™, 2GB<br>• PNY Premium, 2GB<br>• SanDisk Cruzer™ Slice™, 2GB<br>• SanDisk Extreme, 8GB<br>• Smartphone as USB device (Nokia™ N97) | Storage cards<br><br>• Hitachi™ MMC, 128MB<br>• SanDisk Extreme III, Compact Flash™ card, 30MB/s, 4GB<br>• SanDisk Extreme™ III, SDHC™, 4GB<br>• SanDisk™ MicroSD™, 2GB<br>• Simple SD Card<br>• Sony™ Memory Stick Pro-HG Duo™, 4GB<br>• Transcend™ MMCplus™, 2GB<br><br>Hubs<br><br>• Belkin™ |
| CD/DVD | • Pioneer™ DVR-XD09C 8X<br>• Samsung™ SE-S084 | • Sony AD-7240S |
| COM and LPT ports | • Desktop ports | |
| Floppy disks | • Virtual machine floppy driver | |
| IEEE 1394 interface | • IEEE 1394 interface on laptops | |

| DEVICE TYPE | DEVICE MODELS | |
|---|---|---|
| Imaging devices | • Apple™ iPhone™ and smartphones running Android™ that are connected to a Windows XP computer<br><br>• Canon™ CanoScan LiDE 200<br><br>• IBM™ Thinkpad™ Fast Infrared Port | • Teclast USB camera band<br><br>**Note**<br>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)<br><br>• ZTE™ EVDO modem | • Tenda™ 56K USB Modem (M5609U) |
| PCMCIA card | • Ricoh™ R/RL/5C476 | • USB 2.0 + IEEE 1394 CardBus PC Card |
| Print screen key | • Print screen key on desktops | |

# Disclaimer

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