ZECURION

Zecurion DLP 11.0

comparison with Symantec DLP

DLP deployment modes and options

	ZECURION	Symantec
Gateway deployment implementation mode	✓	✓
Agent interception deployment mode	✓	✓
Interception on gateway over integration with a proxy server with ICAP protocol	✓	✓
Integration using plugin for on-prem MS Exchange instance	✓	✗
Mixed mode (gateway and agent)	✓	✓
Integration with the mail server through the service mailbox using POP3 protocol	✓	✗
Own operational SWG web proxy server to block web users on gateway	✓	✓
Blockage with operational gateway SWG server over ICAP	✓	✓
Integration with SIEM instance	✓	✓
Domain-less standalone PCs support and monitor	✓	✓

Leak detection methods and data classification

	ZECURION	Symantec
Detection content of the document	✓	✓
Verification with the customizable dictionaries	✓	✓
Regular expressions	✓	✓
Digital fingerprints	✓	✓
Support Vector Machine method	✓	✓
Bayes data classification method	✓	✗
Control of documents containing seals or signatures	✓	✗
Integration with text recognition (OCR) engines (Abbyy and Tesseract)	✓	✓
Screen Photo Detector endpoint AI module to capture the attempts of making photo of the screen with smartphones	✓	✗

Email control features

	ZECURION	Symantec
Inbound\Outbound SMTP mail capturing	✓	Outgoing mails only
Microsoft Exchange internal mail capturing	✓	Outgoing mails only
POP3 mail protocol support	✓	✗
IMAP4 mail protocol support	✓	✗
Mail Quarantine Zone	✓	Symantec Messaging Gateway module is required
Message modification	✓	✓
Office 365 and Exchange Online support	✓	✓
Ability to capture mail traffic at endpoint using deep API integration with the mail clients: Outlook, Thunderbird and Lotus Notes	✓	✗
Mail relay MTA module in-between for mail blockage	✓	✓

Internet control features

	ZECURION	Symantec
HTTP inbound traffic	✓	✓
Outgoing HTTP traffic	✓	✓
MS Lync (Skype for business)	✓	Partially
ICQ	✓	✗
Viber	✓	✗
Webmail services (Gmail, Yahoo Mail etc)	✓	✓
WhatsApp desktop application protocol	✓	✗
Telegram desktop application protocol	✓	✗
Social networks	✓	✓
FTP	✓	✓

Internet control features

	ZECURION	Symantec
HTTPS traffic capturing with MITM algorithm	✓	✓
Ability to capture https traffic at endpoint using deep API integration with the browsers: Chrome, IE 8+, Firefox etc.	✓	✓
Yahoo! Messenger	✓	✓
Google Hangout	✓	✗
Skype	✓	✓
Jabber	✓	✓
WhatsApp web protocol interception	✓	✗
Telegram web protocol interception	✓	✗
Microsoft Teams	✓	✓

Endpoint control features

	ZECURION	Symantec
Agent stand-alone mode without access to the server	✓	✓
Blocking leakage via USB and other devices	✓	✓
Block leakage through printing using content analysis rule	✓	✓
USB read only mode	✓	✓
USB shadow copying	✓	✓
Customizable file size limit for shadow copies	✓	✗
Manage settings and volume of the local storage of logs and shadow copies on Endpoints	✓	✓
Application startup control and blockage	✓	✓
Encrypting files when writing to USB	✓	Symantec Information Centric Encryption ICE module is required**. Symantec will announce end of life (EOL) for this module in may 2021**
Content analysis based encryption	✓	✗
Access control for encryption keys by user / group of users	✓	✓

Endpoint control features

	ZECURION	Symantec
Re-generation of encryption keys	✓	✓
Save encryption key history	✓	✓
Making workspace screenshots	✓	✗
OCR recognition for screenshots	✓	✗
Set screenshots for list of users	✓	✗
Set screenshots with periodicity	✓	✗
Saving screenshots in different file formats	✓	✗
Saving grayscale screenshots	✓	✗
Hiding agent presence at PC	✓	✗
Protection against agent disable	✓	✗
Record sound flow through the built-in microphone	✓	✗

Endpoint control features

	ZECURION	Symantec
Keyboard typed text capturing tool	✓	✗
Clipboard control	✓	✓
Customizable uninstall password for endpoint agent	✓	✓
Files Removal action in Discovery module	✓	✓
MS Office documents properties attributes verification	✓	✓
TITUS tags verification in MS Office documents properties attributes	✓	✓
Capturing the number of printed pages	✓	✗
Block screenshots taking (Print Screen) in policies	✓	✗
Customizable watermarks on top of specific application launched	✓	✗
Active windows session logout and user blocking in live-mode on target PC for the triggered policy violation	✓	✗

Supported device types in Device Control endpoint policies

	ZECURION	Symantec
Pre-configured lists of typical classes and types of connected devices (Storages, Portable, Media, Security, Tapes etc.)	✓	Partially
USB connected devices class	✓	✓
LPT / COM / irDA ports	✓	✗
FireWire IEEE 1394	✓	✗
CD / DVD drives	✓	✓
External and internal HDDs	✓	✓
Ethernet adapters	✓	✗
Bluetooth / Wi-Fi / Modems	✓	✗
RDP forwarded devices	✓	✓
PCMCIA adapters	✓	✗

Discovery Crawler capabilities

	ZECURION	Symantec
Network storage scanning	✓	✓
Scan local storage	✓	✓
Scan databases	✓	✓
Scan MS SharePoint	✓	✓
Scan MS Exchange	✓	✓
Real-time storage scanning	✓	✓
Scheduled Scan	✓	✓
Security administrator notification of storage policy violations	✓	✓
Alert users about violation of information security policies	✓	✓
Moving / deleting files	✓	✓

Staff control module and employees productivity analysis

	ZECURION	Symantec
User's working time analysis engine	✓	✗
Pre-installed calculated ratings of user's productivity	✓	✗
Inactivity time calculation (absence of user activity while the PC is switched on and locked)	✓	✗
Working days calendar, holidays and working hours customization for the employees	✓	✗
Calculation of users activity in certain websites and applications that are related to the employee's activities	✓	Symantec Endpoint Protection is required or Gateway SWG solution
Customization of group of productive and unproductive application and website categories for the employees	✓	✗
Pre-installed list of default categories containing the most popular websites and applications	✓	✗
Employee's timesheets for the dates when the employee was present at work (discipline analysis)	✓	✗
Remote work detection	✓	✗
Advanced reports with activity classification and user's structured timesheets	✓	✗

Management tools and capabilities for officers and operators

	ZECURION	Symantec
Single management console	✓	✓
Single unified console for the system Repository	✓	✓
Setting alerts and notifications	✓	✓
Web console management	✓	✓
Deploy and upgrade through domain policies	✓	✓
Deploy and upgrade through own Installation server / console	✓	✓
Deep separation of administrator roles and ACLs	✓	✓
Incident response platform (IRP) task tracker for teams	✓	✗
Incident response platform (IRP) customizable workflow templates	✓	✗
Ability to unload and backup all settings to a structured XML file	✓	✗

User-centric data organization. Reporting tools for security officers

	ZECURION	Symantec
Unified UI user's profile with tabs and data mining capabilities	✓	✗
Tabular reports in console	✓	✓
List of messages in a table with the ability to view their contents	✓	✓
Unified graphic reports and dashboards in console	✓	✓
User connections diagram in user profile	✓	✗
User emotional status diagrams in user profile	✓	✗
User Behavior Analytics based on composite everyday indicator (incidents, files, traffic volume etc.)	✓	Symantec Information Centric Analytics (ICA) is required
Ability to compare current UBA rates with historical data for previous period	✓	Symantec Information Centric Analytics (ICA) is required
Risk-based assessment engine for the monitored staff	✓	Symantec Information Centric Analytics (ICA) is required
Ability to calculate daily risk score dynamic for the last month	✓	Symantec Information Centric Analytics (ICA) is required

Reporting tools for security officers and operators

	ZECURION	Symantec
Anomalies detection tool (with preinstalled library of cases)	✓	✗
User's anomalies notification	✓	✗
Comparison dashboard for selected employees and departments	✓	✗
Live monitoring of user session with web camera snapshots	✓	✗
Live monitoring of user session with desktop online access on endpoints	✓	✗
Chat-like report to display captured dialogues between persons in different instant messengers	✓	✗
Administrators logging tool	✓	✓
Capabilities to add new users linked account or aliases in user profile	✓	✗
Export reports and rows to expropriated HTML file	✓	✗
Report export tool to PDF, XLSX, CSV, PST file formats	✓	Partially

System requirements and platforms

	ZECURION	Symantec
OS requirements by server modules and components	Windows Server 2008 R2 and later	Windows Server 2008 R2 and later. LinuxRed Hat
OS support by endpoints	Windows XPSP3 and later, Windows Server 2008 R2 and later; Linux Ubuntu 16\18\20, Linux Mint	Windows 7 or later macOS 10.11 and later
Supported Repositories	Microsoft SQL, PostgreSQL	Oracle DB