

## TREND MICRO SOFTWARE APPLIANCE SUPPORT

### What Trend Micro solutions support Software Appliance deployments?

The following solutions support the software appliance form factor, and the subsequent hardware platforms.

| Reference | Product  |
|-----------|--|
| IWSVA     | InterScan Web Security Virtual Appliance                       |
| IMSVA     | InterScan Messaging Security Virtual Appliance                 |
| ARM       | Advanced Reporting and Management (for InterScan Web Security) |

### Platform Specific Matrix

| Platform              | Trend Micro Solution |              |                  |              |              |
|-----------------------|----------------------|--------------|------------------|--------------|--------------|
|                       | IWSVA                | IWSVA        | IWSVA            | IMSVA        | ARM          |
|                       | Version<br>Build     | v5.x<br>1326 | v3.1 SP2<br>1174 | V3.1<br>1080 | v7.x<br>1170 |
| <b>Dell</b>           |                      |              |                  |              |              |
| R900                  | ✓                    | ✓            |                  |              | ✓            |
| R710                  | ✓                    | ✓            |                  | ✓            | ✓            |
| R610                  | ✓                    | ✓            |                  | ✓            | ✓            |
| R410                  | ✓                    | ✓            |                  | ✓            | ✓            |
| R300                  |                      |              |                  | ✓            |              |
| R200                  | ✓                    | ✓            |                  |              | ✓            |
| 2950 Series II/III    | ✓                    | ✓            | ✓                | ✓            | ✓            |
| 1950 Series II/III    | ✓                    | ✓            | ✓                | ✓            | ✓            |
| 1850 Series II        |                      |              |                  | ✓            |              |
| <b>Hitachi</b>        |                      |              |                  |              |              |
| BladeSymphony 1000    | ✓                    | ✓            | ✓                | ✓            |              |
| <b>HP</b>             |                      |              |                  |              |              |
| BL 460 C Generation 1 | ✓                    | ✓            | ✓                | ✓            | ✓            |
| DL 385 G6             | ✓                    | ✓            | ✓                |              | ✓            |
| DL 385 G2             | ✓                    | ✓            | ✓                | ✓            | ✓            |
| DL 380 G6             | ✓                    | ✓            | ✓                |              | ✓            |
| DL 350 G5             | ✓                    | ✓            | ✓                | ✓            | ✓            |
| <b>IBM</b>            |                      |              |                  |              |              |
| Systems x3550         | ✓                    | ✓            | ✓                | ✓            | ✓            |
| <b>NEC</b>            |                      |              |                  |              |              |
| Express5800 R120a-1   | ✓                    | ✓            |                  | ✓            | ✓            |
| Express5800 R120RH-1  | ✓                    | ✓            | ✓                | ✓            | ✓            |

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 Independent Hardware Platforms supporting Trend Micro Software Appliance Deployments

| Platform          | Trend Micro Solution |          |       |        |      |
|-------------------|----------------------|----------|-------|--------|------|
|                   | IWSVA                | IWSVA    | IWSVA | IMSV A | ARM  |
| Version           | v5.x                 | v3.1 SP2 | V3.1  | v7.x   | v1.x |
| Build             | 1326                 | 1174     | 1080  | 1170   | 1387 |
| <b>Resilience</b> |                      |          |       |        |      |
| ATL 1012          | ✓                    | ✓        | ✓     |        |      |
| <b>Sun</b>        |                      |          |       |        |      |
| Sunfire X4450     | ✓                    | ✓        | ✓     | ✓      | ✓    |

**Platform Specific Matrix**

|                       | CPU   | Memory   | Hard Drive  | HD Controller                        | NIC   |
|-----------------------|---|--|---|--------------------------------------|---|
| <b>Dell PowerEdge</b> |   |  |   |                                      |   |
| R900                  | 2 x Intel X7460 Xeon, Six Cores, 2.67GHz, 16MB Cache, 1066Mhz FSB                   | 32GB Memory, 16X2GB, 667MHz  | 300GB 15K RPM Serial-Attach SCSI 3Gbps 3.5-in HotPlug Hard Drive  |                                      |   |
| R710                  | 2 x Intel Quad Core E5570 Xeon CPU, 2.93GHz   | 24GB Memory (6x4GB), 1333MHz, Dual Ranked U 1 DIMMs for 2 Processors | 4*300GB SAS 10000 RPM   | PERC 6/I, Integrated Controller Card | Integrated 2 x Two Broadcom 5709C dual-port Giga -bit Ethernet with TOE enabled |
| R610                  | 2 x Intel Quad Core E5506 Xeon CPU, (2.13GHz)                                       | 8GB Memory (4x2GB), 1333MHz, Dual Ranked U 1 DIMMs for 2 Processors  | 2*160GB SAS 7200 RPM  | PERC 6/I, Integrated Controller Card | Integrated 2 x Two Broadcom 5709C dual-port Giga -bit Ethernet with TOE enabled |
| R410                  | Intel Quad Core E5504 Xeon CPU, (2.0GHz)  | 4GB Memory (4x1GB), 1333MHz, Single Ranked U 1 DIMMs for 1 Processor | 2*160GB SATA 7200 RPM   | SAS 6/iR Controller Card             | Integrated Broadcom 5716 dual-port Giga -bit Ethernet with TOE enabled          |
| R300                  | Intel Quad Core Xeon Pro L5410 CPU (2.33GHz)  | 4GB Memory (2x2GB) DDR-2 667MHz ECC 2R                               | Western Digital 500GB SAS   | PERC 6/I, Integrated Controller Card | Integrated 2 * Two Broadcom 5722 dual-port Giga -bit Ethernet                   |
| R200                  | Intel Quad Core Xeon X3360, 2.83GHz, 2x6MB Cache, 1333MHz FSB                       | 4 GB   | 2*250GB 7.2K RPM SATA 3Gbps 3.5in Cabled  | SATA/SAS Controller                  | Dual GB   |
| 2950 Series II/III    | Intel Quad Core Xeon X5355 (2.66GHz)<br>OR/<br>Intel Quad Core Xeon X5460 (3.16GHz) | 8 GB   | 300GB 10K RPM Serial-Attach SCSI 3Gbps 3.5-in HotPlug HardDrive (341-3032)<br>OR/<br>200GB 15K RPM SAS Dell Perc 6/I SAS Controller |                                      |   |
| 1950 Series II/III    | Intel Dual Core Xeon 5160 (3.00GHz)<br>OR/<br>Intel Quad Core Xeon E5410 (2.33GHz)  | 8 GB   | 500GB 7.2K RPM Universal SATA 3Gbps 3.5-in HotPlug Hard Drive (341-4157)  |                                      |   |
| 1850 Series II        | Intel Dual Xeon (3.0GHz)  | 2 GB   | 146GB 10K RPM SCSI U320   |                                      |   |



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|                       | CPU  | Memory  | Hard Drive   | HD Controller        | NIC  |
|-----------------------|--|---|--|----------------------|--|
| <b>Hitachi</b>        |  |   |  |                      |  |
| BladeSymphony 1000    | Intel Xeon E5430<br>2.66GHz, 4 core, 2 socket - LPAR (Virtage) allocated CPU : vCPU = 2core, occupied) | 16GB RAM - LPAR (Virtage) allocated memory size : vMemory = 8192MB - HDD: SAN Storage | Hitachi AMS2300 130GB (RAID1) - HBA Driver : Integrated FC switch module (driver version - 4.5.12.736) |                      | 1Gbps (100/1000)   |
| <b>HP Proliant</b>    |  |   |  |                      |  |
| DL 385, G2            | AMD Dual Core Opteron 2220   | 2GB   | 2*HP 146GB SFF SAS 10000 RPM (2.5")  |                      |  |
| DL 380, G5            | Intel Quad Core Xeon E5420 (2.50 GHz)  | 4GB   | 2*HP 146GB SFF SAS 10000 RPM (2.5")  |                      |  |
| DL 385, G6            | AMD Opteron Six Core 2.4GHz  | 8GB   | HP 72GB 6G SAS 15K RPM (2.5)   | HP Smart Array P410  | 10/100/1000Mbps HP (Broadcom chipset) NC382i (Dual Port) |
| DL 380, G6            | Intel Quad Core Xeon E5540 2.53 GHz  | 8GB   | HP 146GB SAS 15K RPM (2.5)   | HP Smart Array P410i | 10/100/1000Mbps HP (Broadcom chipset) NC382i (Dual Port) |
| BL 460 C Generation 1 | Intel Xeon Quad core E 5440 2,83 GHz<br>Intel Xeon Dual core 2,66 GHz                                  | 4GB   | HP 72GB x2   | HP SmartArray E200i  | 10/100/1000 Mbps Broadcom NetXtreme II BCM 5708 S        |
| <b>IBM</b>            |  |   |  |                      |  |
| Systems x3550         | Intel Quad Core Xeon E5420 (2.50 GHz)  | 4 GB  | 2*160GB 7200 RPM HOT-SWAP SATA HDD   |                      |  |
| <b>NEC</b>            |  |   |  |                      |  |
| Express5800 R120a-1   | Intel Xeon 5550 2.66GHz 4 core processor   | 16 GB DDR3 DIMM   |  | SATA/SAS Controller  | 2x 1000BASE-T + 1x 100BASE-TX (Management Port)          |
| Express5800 R120RH-1  | Intel Xeon processor E5420 (2.50GHz/1333MHz FSB/2 x 6M L2 Cache)                                       | 48 GB (12 x 4GB) Maximum  | 3.5" SAS: 1.35TB (3 x 450GB) / 3.5" SATA: 3TB (3 x 1TB) / 2.5" SAS: 879GB (6 x 146.5GB) Maximum        |                      |  |
| <b>Resilience</b>     |  |   |  |                      |  |
| ATL 1012              | Intel Core 2 DUO E8400 3GHz  | 4GB   | Western Digital 250GB SATA WD2500  | Intel PXE 2.1 v1.3   | 10/100/1000 Mbps Intel                                   |
| <b>Sun</b>            |  |   |  |                      |  |
| Sunfire X4450         | 4 Quad Core Intel Xeon L7345, 1.86 GHz, 1066MHz FSB  | 8 GB (8 x 1GB DIMMs) Fully Buffered ECC   | 1168 GB (8 x 146 GB) 10K RPM SAS Disks   |                      |  |



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## Certified by Trend Micro Platforms

Independent Hardware Platforms supporting Trend Micro Software Appliance Deployments

### Encryption Acceleration Card Matrix

| Product    | Hardware Acceleration Card Model |
|------------|----------------------------------|
| IWSVA v5.x | Silicom PESC61 (PCI-E)           |
| IWSVA v5.x | Silicom PESC51 (PCI-X)           |

