

ENERGY MANAGEMENT, SAVE ENERGY, ENERGY MANAGEMENT SOFTWARE, ENERGY MONITORING, INDUSTRY ENERGY EFFICIENCY SOFTWARE, ENERGY USAGE, ENERGY MANAGEMENT SYSTEM, REPORT AND DASHBOARD, COST ALLOCATION AND BILLING, ISO50001, ENERGY PERFORMANCE CERTIFICATION OF BUILDINGS, REPORTING AND DATA VISUALIZATION TOOL

AVReporter v4.0 System Requirements

 <http://www.twitter.com/avreporter>

| Number of Devices | Operating System (64 bit) | Hardware requirements |
|-------------------|--|--|
| 1-50 | Windows 7 SP1, Windows 8 or 8.1, Windows 10, Windows Server 2012, 2016 | Core i5 2 GHz CPU, 4 GB RAM, 40 GB HDD or SSD |
| 51-100 | Windows 7 SP1, Windows 8 or 8.1, Windows 10, Windows Server 2012, 2016 | Core i5 2 GHz Dual Core CPU, 4 GB RAM, 80 GB HDD or SSD |
| 101-300 | Windows 7 SP1, Windows 8 or 8.1, Windows 10, Windows Server 2012, 2016 | Core i7 2.5 GHz 4 Core CPU, 8 GB RAM, 150 GB HDD x 2 or SSD x 1 |
| 301-500 | Windows Server 2012, 2016 | Core i7 2.5 GHz 4 Core CPU, 16 GB RAM, 200 GB HDD x 3 or SSD x 2 |
| 501-1000 | Windows Server 2012, 2016 | Xeon 2.5 GHz 8 Core CPU, 32 GB RAM, 250 GB SAS 10000 rpm HDD x 4 or 250 GB High Speed SSD x 2 |
| 1001-2000 | Windows Server 2012, 2016 | Xeon 2.5 GHz 8 Core CPU, 32 GB RAM, 400 GB SAS 10000 rpm HDD x 6 or 400 GB High Speed SSD x 3 |
| 2001+ | Windows Server 2012, 2016 | Xeon 2.5 GHz 16 Core CPU, 64 GB RAM, 600 GB SAS 10000 rpm HDD x 8 or 600 GB High Speed SSD x 4 |

The hardware requirements listed here are based on experience and estimates. Choosing the right selection of hardware depends on many factors, including:

- The data saving frequency (minute, quarter hour, hour)
- Number of client machines
- Required level of redundancy (RAID 1-2-5-10?)
- Logged number of quantities.

More HDD in RAID array needed for redundancy and to increase IO speed in order of handling large database files. Stronger hardware is necessary to increase the query performance and reduce report generation time.