

## System Specification

| Item   | Specification *1   |
|--|--|
| Maximum number of tags   | Maximum 500,000 tags/server *2   |
| Throughput of Exaquantum<br>(Maximum data acquisition)         | 600,000 tags/minute *3   |
| Data item gathering interval (minimum)                         | 1 second *4  |
| Data item data historization interval (minimum)                | 1 second *4  |
| Number of concurrent users (Exaquantum/Explorer)               | Up to 64/server  |
| Number of concurrent users (Exaquantum/Web)                    | Up to 100 for 1 Exaquantum Web server  |
| Number of connected physical OPC servers per Exaquantum server | Maximum of 35 OPC DA *5 and HDA servers per Exaquantum server. (Maximum of 31 OPC A&E servers per Exaquantum server) *6 *7 |

\*1 A suitable hardware platform and infrastructure (network) must be chosen to support the required sizing.

\*2 Deployed across single or multiple servers up to a maximum of 500,000 tags.

\*3 Select an appropriate number of RAID-1 or RAID-5 disks depending on the update rate as illustrated in the examples contained in the 'Hardware Disk Drive Configuration' section of the Exaquantum GS.

\*4 Depends on the OPC server performance.

\*5 Number of connected OPC DA is included in OPC UA DA Server.

\*6 The maximum number of supported A&E OPC servers is 31. The combined total from all connected physical OPC server(s) is not to exceed 130 messages per second.

\*7 When using process data from tags from other Exaquantum servers in calculations, then the Exaquantum servers are included in the number of connected OPC gateways.