



MANAGEMENT SYSTEM CERTIFICATE

Certificate no.:
165484-2014-AQ-USA-ANAB

Initial certification date:
15 October, 2014

Valid:
03 February, 2022 – 02 February, 2025

This is to certify that the management system of
SMART Global Holdings
39870 Eureka Drive, Newark, CA, 94560, USA
and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Quality Management System standard:
ISO 9001:2015

This certificate is valid for the following scope:
Development, Manufacture, Sales and Support of:

- **Memory and Storage Products, Supply Chain Services for Commercial, Industrial and Defense Applications,**
- **Servers, Work Stations, Integrated and Turnkey HPC Clusters and Cluster Management Software,**
- **Hardware and Software of Embedded and Wireless Computing Technologies**

Place and date:
Katy, TX,



For the issuing office:
DNV - Business Assurance
1400 Ravello Drive, Katy, TX, 77449-5164, USA

Sherif Mekkawy
Management Representative

Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.

ACCREDITED UNIT: DNV Business Assurance USA Inc., 1400 Ravello Drive, Katy, TX, 77449, USA - TEL: +1 281-396-1000. www.dnv.com

Appendix to Certificate

SMART Global Holdings

Locations included in the certification are as follows:

Site Name	Site Address	Site Scope
SMART Global Holdings	39870 Eureka Drive, Newark, CA, 94560, USA	<ul style="list-style-type: none"> • Development, Manufacture, Sales, Support of Memory Products and Supply Chain Services • Manufacture of Embedded Computing Technologies
SMART Modular Technologies	15635 Alton Parkway, Suite 155, Irvine, CA, 92618, USA	Development, Sales and Support of Memory Products
SMART Modular Technologies	2 Highwood Drive, Suite 101, Tewksbury, MA, 01876, USA	Development and Support of Memory Products
SMART Modular Technologies, SDN. BHD	Plot 18, Lorong Jelawat 4, Kawasan Perindustrian, 13700, Seberang Jaya, Perai, Malaysia	<ul style="list-style-type: none"> • Manufacture, Sales, Support of Memory Products and Supply Chain Services • Manufacture of Embedded Computing Technologies • Manufacture, Procurement and Sub-contractor Management of Wireless Computing Technologies
SMART Modular Technologies	6F, Unit A, No. 1, Yuan Dong Road Banqiao District New Taipei City 220 Taiwan R.O.C.	Development, Sales and Support of Memory Products
SMART Modular Technologies do Brasil - Indústria e Comércio de Componentes LTDA	Avenida Tégula, 888, Modulo 2 (Mezanino) e 3, Edifício Ametista - Centro Empresarial Atibaia (CEA), CEP 12952-820, Bairro Ponte Alta, Atibaia - Sao Paulo, Brazil	Assembly, Test, and Service of Modules Assembled
SMART Modular Technologies Indústria de Componentes Eletrônicos LTDA	Avenida Tégula, 888, Edifício Cristal, Centro Empresarial Atibaia (CEA), CEP 12952-820, Bairro Ponte Alta, Atibaia-São Paulo, Brazil	Packaging, Test, Sales and Service of Semiconductor Products
SMART Embedded Computing	2900 S Diablo Way, Suite 190, Tempe, AZ, 85282-3202, USA	Development, Sales, Test, Manufacture, Service and Support of Hardware and Software of Embedded Computing Technologies.
Penguin Computing	45800 Northport Loop W, Fremont, CA, 94538-6413, USA	Development, Manufacture, Sales, Support Of Servers, Work Stations, Integrated and Turnkey HPC Clusters and Cluster Management Software
SMART Wireless Computing	66/4967, 3rd floor, Alapatt Heritage, Metropillar P645, M.G. Road, North End, Kerala, Kochi - 682035, India	Development of Hardware and Software of Wireless Technologies.
SMART Wireless Computing	24, 3rd floor, 1st Cross, Magrath Road, Ashok Nagar, Bengaluru, Karnataka - 560025, India	Development of Hardware and Software of Wireless Technologies.
SMART Modular Technologies do Brasil - Indústria e Comercio de Componentes LTDA	Avenida dos Oitis, 1720 Galpao 1 Modulo 105, 69075-842, Manaus, AM, Brazil	Assembly, Test and Service of Modules Assembled.

MANAGEMENT SYSTEM CERTIFICATE

Certificate no.:
269508-2018-AHSO-USA-RvA

Initial certification date:
01 October, 2014

Valid:
12 February 2021 – 07 July, 2022

This is to certify that the management system of

SMART Global Holdings

39870 Eureka Drive, Newark, CA, 94560, USA

and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Occupational Health and Safety Management System standard:

ISO 45001:2018

This certificate is valid for the following scope:

Development, Manufacture, Sales and Support of:

- **Memory and Storage Products, Supply Chain Services and Batteries for Commercial, Industrial and Defense Applications,**
- **Servers, Work Stations, Integrated and Turnkey HPC Clusters and Cluster Management Software,**
- **Hardware and Software of Embedded and Wireless Computing Technologies**

Place and date:

Barendrecht, 12 February 2021

For the issuing office:

**DNV GL - Business Assurance
Zwolseweg 1, 2994 LB Barendrecht,
Netherlands**



Erie Koek
Management Representative

Certificate no. : 269508-2018-AHSO-USA-RvA
Place and date: Barendrecht, 12 February, 2021

Appendix to Certificate

SMART Modular Technologies

Locations included in the certification are as follows:

Site Name	Site Address	Site Scope
SMART Modular Technologies	39870 Eureka Drive, Newark, CA, 94560, USA	<ul style="list-style-type: none">• Development, Manufacture, Sales, Support of Memory Products and Supply Chain ServicesOf• Manufacture Embedded Computing Technologies
Penguin Computing	45800 Northport Loop W, Fremont, CA, 94538-6413, USA	<ul style="list-style-type: none">• Development, Manufacture, Sales, support of servers, work stations, integrated and turnkey HPC clusters and cluster management software

MANAGEMENT SYSTEM CERTIFICATE

Certificate no.:
164861-2014-AE-USA-ANAB

Initial certification date:
01 October, 2014

Valid:
12 February, 2022 – 11 February, 2025

This is to certify that the management system of
SMART Global Holdings
39870 Eureka Drive, Newark, CA, 94560, USA
and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Environmental Management System standard:
ISO 14001:2015

This certificate is valid for the following scope:

Development, Manufacture, Sales and Support of:

- Memory and Storage Products and Supply Chain Services for Commercial, Industrial and Defense Applications,
- Servers, Work Stations, Integrated and Turnkey HPC Clusters and Cluster Management Software
- Hardware and Software of Embedded and Wireless Computing Technologies

Place and date:
Katy, TX, 28 January, 2022

For the issuing office:
DNV - Business Assurance
1400 Ravello Drive, Katy, TX, 77449-5164, USA



Sherif Mekkawy
Management Representative



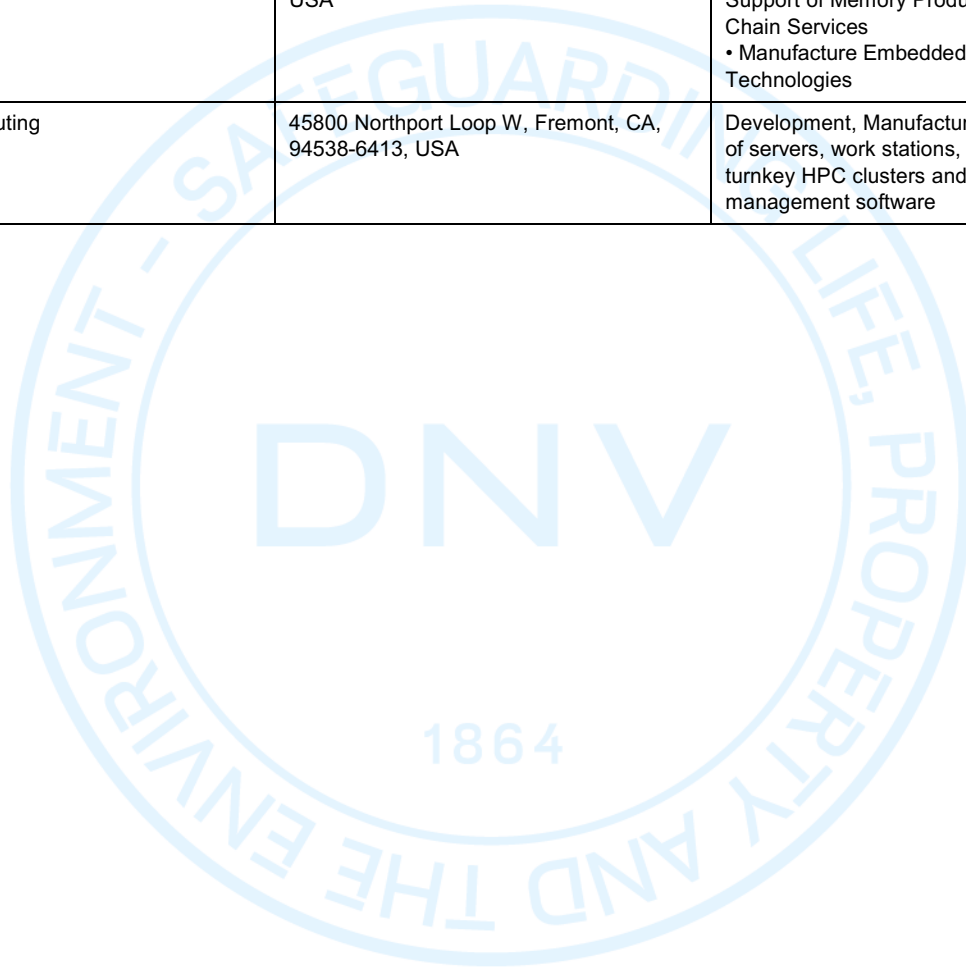
Certificate no.: 164861-2014-AE-USA-ANAB
Place and date: Katy, TX, 28 January, 2022

Appendix to Certificate

SMART Global Holdings

Locations included in the certification are as follows:

Site Name	Site Address	Site Scope
SMART Global Holdings	39870 Eureka Drive, Newark, CA, 94560, USA	<ul style="list-style-type: none">• Development, Manufacture, Sales, Support of Memory Products and Supply Chain Services• Manufacture Embedded Computing Technologies
Penguin Computing	45800 Northport Loop W, Fremont, CA, 94538-6413, USA	Development, Manufacture, Sales, support of servers, work stations, integrated and turnkey HPC clusters and cluster management software



MANAGEMENT SYSTEM CERTIFICATE

Certificate No:
10000207936-MS-C-RvA-BRA

Initial certification date:
01 March 2013

Valid:
10 July 2019 - 10 July 2022

This is to certify that the management system of

**SMART MODULAR TECHNOLOGIES
INDUSTRIA DE COMPONENTES
ELETRONICOS LTDA.**

**SMART MODULAR TECHNOLOGIES DO
BRASIL - INDÚSTRIA E COMÉRCIO DE
COMPONENTES LTDA.**

Av. Tégula, 888, Edifício Ametista, Módulo 1A, 2 e 3 / Edifício Cristal, Centro
Empresarial de Atibaia (CEA), 12.952-820, Atibaia, SP, Brazil

has been found to conform to the Environmental Management System standard:
ISO 14001:2015

This certificate is valid for the following scope:

**SMART MODULAR TECHNOLOGIES INDUSTRIA DE COMPONENTES
ELETRONICOS LTDA.** Packaging, test and service of semiconductor products.

**SMART MODULAR TECHNOLOGIES DO BRASIL - INDÚSTRIA E COMÉRCIO DE
COMPONENTES LTDA.** Assembly, test and service of assembled modules and
assembly of batteries

Place and date:
São Paulo, 10 July 2019



The RvA is a signatory to the IAF MLA

For the issuing office:
DNV GL – Business Assurance
Av Alfredo Egydio de Souza Aranha, 100 -
Bloco D- 3º andar - Vila Cruzeiro, 04726-
170, São Paulo, Brazil

Mauricio Venturin
Management Representative