



CCIntegration & Dell EMC OEM

DREAM TEAM

for System Platforms, Design, Integration,
Global Logistics & Support



thinking **OUTSIDE** the box



CCIntegration Inc



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CCIntegration

CCIntegration (CCI) was established in 1985 and has been supporting the design, manufacturing, global logistics and life cycle of our software partners hardware-based solutions. With production facilities in **San Jose, CA** and **Nijmegen, The Netherlands** we support the global needs of established companies and help start-ups scale over their early stage development.

We handle the hardware so you can handle your business. Get to market quickly with dedicated engineering and project management teams. Our proven methodology and expertise help you every step of the way. We're constantly striving to reduce cycle times, and help you bring your IP to the world quickly and correctly.



Planning

Dedicated engineering & PM team assigned



Design & Development

Rapid proof of concept, prototyping & testing



Global Supply Chain

Shorten lead times, reduce costs



Build, Certify & Deploy

Build, certify & deploy in-region



Support & Lifecycle Management

Global support, extended warranties & product roadmap

Dell EMC OEM

Dell EMC OEM is a division of Dell EMC and is the largest OEM systems provider in the world. They offer OEM Ready products that provide our clients with best-in-class platforms that are fully brandable and offer global regulatory certifications and global onsite support.

Offering the broadest range of platforms (server, storage, workstations, networking) with global support sets them apart from the competition and provides a best in brand solution for our ISV customers.

CCI is a Titanium OEM Partner for Dell EMC. This status assures our clients certified sales and engineering resources with the highest level of competencies in delivery solutions around Dell EMC.



OEM

Core Products

As a Dell EMC Titanium partner, CCI has complete access to the full range of Dell EMC platform technologies: servers, storage, workstations, networking and embedded compute products.

CCI offers the best-in-class product portfolio of server technologies ranging from entry level edge computing platforms to high performance GPU platforms.

Storage servers

Dell EMC PowerEdge	T640	R540	R740	R740xd	R740xd2
Chassis Type	Tower	Rack	Rack	Rack	Rack
Rack Height	Full/5U	2U	2U	2U	2U
CPU Sockets	2	2	2	2	2
CPU Family	Intel Xeon Scalable	Intel Xeon Scalable	Intel Xeon Scalable	Intel Xeon Scalable	Intel Xeon Scalable
Maximum Cores per CPU	28 Cores/CPU	20 Cores/CPU	28 Cores/CPU	28 Cores/CPU	22 Cores/CPU
Maximum Memory	3TB	512GB	3TB	3TB	512GB
Maximum Drive Bays	32 x 2.5" or 18 x 3.5"	14 x 2.5" or 14 x 3.5"	16 x 2.5" or 8 x 3.5"	32 x 2.5" or 18 x 3.5"	26 x 3.5"
Maximum Power Supplies	Dual 2400W	Dual 1100W	Dual 2000W	Dual 2000W	Dual 1100W
NVMDIMM Memory	Yes	No	Yes	Yes	No
BOSS/M.2 Boot Option	Yes	Yes	Yes	Yes	Yes
NVMe Drive Option	Yes	No	Yes (as PCIe Card)	Yes	No

GPU servers

Dell EMC GPU	T640	C4140	7920 Tower	7920 Rack	R940xa
Chassis Type	Tower	Rack	Tower	Rack	Rack
Mini/Full Tower/Rack Height	Full/5U	1U	Mid Tower	2U	4U
CPU Sockets	2	2	2	2	4
CPU Family	Intel Xeon Scalable	Intel Xeon Scalable	Intel Xeon Scalable	Intel Xeon Scalable	Intel Xeon Scalable
Maximum Cores per CPU	28 Cores/CPU	24 Cores/CPU	28 Cores/CPU	28 Cores/CPU	28 Cores/CPU
Maximum GPU Capacity	4 x Double-Wide	4 x Double-Wide	3 x Double-Wide or 4 x Single-Wide	2 x Double-Wide or 3 x Single-Wide	4 x Double-Wide or 8 x Single-Wide FPGA
GPU Types Supported	NVIDIA Tesla M10 P40 24GB, Passive V100 16G, Passive V100 32G, Passive	NVIDIA Tesla P100 16GB, Passive V100 SXM2 16G for NVLINK V100 SXM2 32G for NVLINK	AMD Radeon Pro WX: 9100, 7100, 5100, 4100, 3100, 2100 NVIDIA Quadro GP100, P6000, P5000, P4000, P2000, P1000, P620, P400, GV100; and GTX 1080	AMD Radeon Pro WX: 9100, 7100, 5100, 4100, 3100, 2100 NVIDIA Quadro GP100, P6000, P5000, P4000, P2000, P1000, P620, P400, GV100; and GTX 1080	NVIDIA Tesla P40 24GB, Passive V100 16G, Passive V100 32G, Passive Intel FPGA Card
Maximum Memory	1.5TB	1.5TB	3TB	3TB	6TB
Maximum Drive Bays	32 x 2.5" HS or 18 x 3.5" HS	32 x 2.5" HS or 18 x 3.5" HS	10 x 2.5" HS or 10 x 3.5" HS	8 x 2.5" HS or 8 x 3.5" HS	32 x 2.5"
Maximum Power Supplies	Dual 2400W	Dual 2400W	1400W	Dual 1600W	Quad 2400W
BOSS/M.2 Boot Option	Yes	Yes	Yes	Yes	Yes

Single processor servers

Dell EMC PowerEdge	R240	R340	T140	T340
Chassis Type	Rack	Rack	Tower	Tower
Rack Height	1U	1U	Mini/4U	Full/5U
CPU Sockets	1	1	1	1
CPU Family	Intel Xeon E2100/Pent/Celer/i3	Intel Xeon E2100/Pent/Celer/i3	Intel Xeon E2100/Pent/Celer/i3	Intel Xeon E2100/Pent/Celer/i3
Maximum Cores per CPU	6 Cores/CPU	6 Cores/CPU	6 Cores/CPU	6 Cores/CPU
Maximum Memory	64GB	64GB	64GB	64GB
Maximum Drive Bays	4 x 2.5" or 4 x 3.5"	8 x 2.5" or 4 x 3.5"	4 x 3.5" Cabled	8 x 2.5" HS or 3.5" HS
Maximum Power Supplies	Single Fixed 250W	Dual 350W	Single Fixed 365W	Dual 495W
Maximum Weight	12.2 Kg (26.89 lb)	13.6 Kg (29.98 lb)	11.84 Kg (26.10 lb)	26.00 Kg (57.32 lb)
NVMDIMM Memory	No	No	No	No
XL Availability	Yes	Yes	No	No

Dual processor servers

Dell EMC PowerEdge	R440	R540	R640	R740
Chassis Type	Rack	Rack	Rack	Rack
Rack Height	1U	2U	1U	2U
CPU Sockets	2	2	2	2
CPU Family	Intel Xeon Scalable	Intel Xeon Scalable	Intel Xeon Scalable	Intel Xeon Scalable
Maximum Cores per CPU	18 Cores/CPU	20 Cores/CPU	28 Cores/CPU	28 Cores/CPU
Maximum Memory	512GB	512GB	1.5TB	3TB
Maximum Drive Bays	10 x 2.5" or 4 x 3.5"	14 x 2.5" or 14 x 3.5"	10 x 2.5" or 4 x 3.5"	16 x 2.5" or 8 x 3.5"
Maximum Power Supplies	Dual 550W	Dual 1100W	Dual 1600W	Dual 2000W
Maximum Weight	17.5 Kg (38.6 lb)	29.7 Kg (65.4 lb)	21.9 Kg (48.3 lb)	28.6 Kg (63.1 lb)
NVMDIMM Memory	No	No	Yes	Yes
BOSS/M.2 Boot Option	Yes	Yes	Yes	Yes
XL Availability	No	No	Yes	Yes

Quad processor servers

Dell EMC PowerEdge	R840	R940	R940xa
Chassis Type	Rack	Rack	Rack
Rack Height	2U	3U	4U
CPU Sockets	4	4	4
CPU Family	Intel Xeon Scalable	Intel Xeon Scalable	Intel Xeon Scalable
Maximum Cores per CPU	28 Cores/CPU	28 Cores/CPU	28 Cores/CPU
Maximum Memory	6TB	6TB	6TB
Maximum Drive Bays	28 x 2.5"	24 x 2.5"	32 x 2.5"
Maximum Power Supplies	Dual 2400W	Dual 2400W	Quad 2400W
Maximum Weight	53.0 Kg (116.6 lb)	49.9 Kg (110.0 lb)	56.0Kg (111.8 lb)
NVMDIMM Memory	Yes	Yes	Yes
BOSS/M.2 Boot Option	Yes	Yes	Yes
NVMe Drive Option	Yes	Yes	Yes

SERVICES DESIGN

Platform selection

Our engineers work within a collaborative onboarding process to determine the platform configuration elements that address the performance needs of your application software. Once the platform is identified, we provide system hardware to test and optimize the software application, and have you provide us with the software image required for the CCIntegration factory load via Preboot eXecution Environment (PXE) server, or an ISO image file.



Branding

Most of our customers go to market with a hardware platform that is branded with their specific logos and model designations. Our branding services typically include customization across 3 main elements:



System bezel

Customers can choose from a variety of existing standardized bezels, or our customization team can design a unique bezel to meet your branding requirements, based on your artwork and color choices.



Packaging

For custom-branded packaging, simply provide your company logo images and specifications. Our customization team will produce test samples that meet your requirements and ship the solution in your custom-branded packaging.



ID module

Dell EMC system hardware is configured to have the OEM's logo displayed at power-on/boot. Our customization team can modify the BIOS and ID Module to ensure that your branding is complete across all the elements of the system.

SERVICES

TURN-KEY INTEGRATION

After completion of platform selection, branding, and any additional customization requirements, we will provide a First Article of the solution based on the Statement of Work (SoW).

Our engineers document the build, software imaging and quality control (QA) processes necessary to reliably produce a quality product based on your specifications.



Upon your approval of the First Article unit/solution, we load the Bill of Material (BOM) and procedures into our Enterprise Resource Planning (ERP) system and your product is ready to be manufactured.

Our factory technicians are trained extensively with your approved product and build procedures. In addition, much of the process is automated, especially in areas/procedures that might be sources of human error such as repetitive manual data entry.

SERVICES

RACK INTEGRATION

The solutions we provide run the gamut from individual appliance servers to fully integrated rack solutions. Our rack integration services include a more complex design process where we identify, design and produce an entire purpose-built system in a rack. These racks are shipped complete in a custom crate and arrive onsite ready for turn-key deployment.

Typical components within a rack solution

Network Switches

Compute Elements/Nodes (Servers)

Storage Elements (DAS/NAS/SAN Arrays)

Keyboard-Video-Mouse Switch (KVM)

Cabling Design & Component Integration

Rack Cabinet Style & Size

Power Distribution Unit (PDU)

Uninterruptible Power Supply (UPS)

Custom Shipping Crate



SERVICES

INVENTORY MANAGEMENT

The positioning of inventory at CCIIntegration on your behalf, is predicated upon the fulfillment Service Level Agreement (SLA) between your company and CCI. **Inventory we position for you is always viewable and real-time through our web portal.**

Many of our customers require same-day or next-day shipment. To meet these requirements, we must position inventory on-site based upon the customer-provided sales forecast to ensure compliance with their fulfillment SLA.



Our Delivery on Demand (DoD) program can offer you off-site raw inventory from our suppliers that provides readily available safety stock for those times when your sales demand exceeds your sales forecast.

Finished Goods Inventory (FGI), products ready to ship at a moments notice, can be positioned at any of our facilities to assure minimum turn-around-time on orders, allowing you to meet your month-end demand requirements.


Customers often provide their clients with evaluation systems to validate the solution before purchase. CCI can handle the outbound management of Evaluation (POC) Inventory, RMA return and refurbishment services for your next POC deployment.



SERVICES

GLOBAL LOGISTICS

Managing global logistics is a critical value that we deliver to customers as clients are often overwhelmed by the task of managing global logistics and the associated country customs and regulatory processes. **We are your trusted partner, ensuring that this complex process is expertly performed by our experienced global operations team.**



*Nijmegen,
The Netherlands*

Elements key to reliable global logistics

Assuring that system components carry all of the regulatory certifications required by the destination country.

Determining if the systems and software of your solution are restricted items on the US State Departments list of exports, and assure appropriate filings are performed for these technologies (ECCN).

Showing you how to create a commercial invoice that will meet the destination countries customs requirements.

Assuring that appropriate ICC-standard Incoterms have been established, clarifying who pays duties, taxes and shipping costs, and identifying the Importer of Record (IoR).

*San Jose, CA
USA*

Support

The Onsite Service model is the most requested model in our service offering. Our clients determine whether the issue is software or hardware related. If hardware is the point of failure, we'll deploy parts and labor to repair the item. This service is performed per the SLA purchased at time of order.



Most requested support models

3 years	Onsite	NBD	365 days x 7 days x 24 hrs	
3 years	Onsite	NBD	365 days x 7 days x 24 hrs	Keep your hard drive
3 years	Onsite	4 hours	365 days x 7 days x 24 hrs	
ProDeploy	ProDeploy is an onsite service where the systems are unpacked, installed and connected to the network. The system is then ready for the final step in deployment by the customer or our ISV customer.			

Support contracts are offered in customizable time frames from 3 to 7 years. Consult with your CCI representative for additional information.

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CCIntegration is your trusted partner to design, build, deploy and support your product globally. Let us help you deliver the industry's best customer experience.

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