



THE OCP COMMUNITY

Archna Haylock, Community Director
Open Compute Foundation

FOUNDATION STAFF



Rocky Bullock
Chief Executive Officer



Archna Haylock
Director, Community



Steve Helvie
VP, Channel Development



Bill Carter
Chief Technology Officer



Dirk Van Slyke
Director, Marketing & Communications



Michael Schill
Membership Community Specialist



John Laban
Representative, Europe



Rajeev Sharma
Director, Software & Technologies



Kali Burdette
Manager, Meeting & Events



Nick Bullock
Director, Finance

OCP MEMBERSHIP FACTS

- ~200 Corporate Members
 - Adopters
 - Suppliers (HW and SW)
 - Solution Providers
- 6000 participants in our community
 - Technical (HW and SW)
 - Sales/Business Development
 - Executives
 - Manufacturing/Process
 - Facilities
 - Academia
- Member Companies from all over the world

OCP Membership Directory: <https://www.opencompute.org/membership/membership-organizational-directory>

GROWTH OF OCP

(FOR NON-BOARD MEMBER COMPANIES)

Double Digit Growth thru 2021

Americas' CAGR = 47%

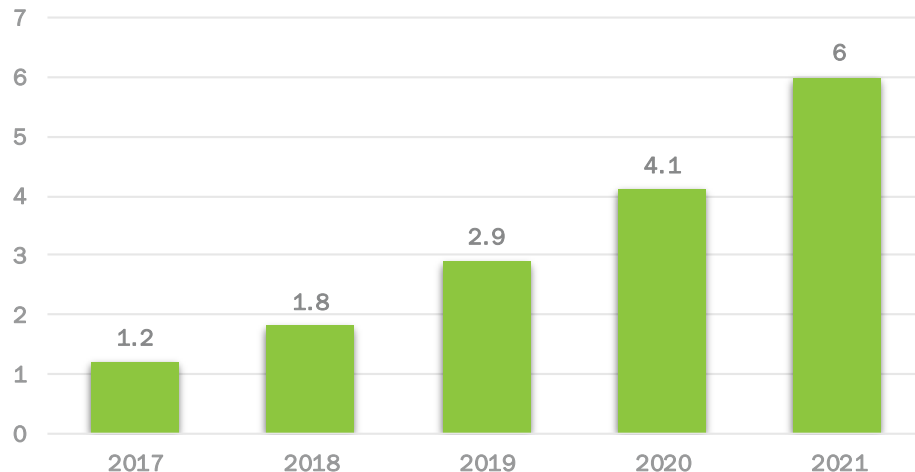
APAC CAGR = 103%

EMEA CAGR = 70%

OCP Market Impact Assessment



Total OCP Revenue (\$ Billions)



<https://www.youtube.com/watch?v=pdpPKAo-HUY&feature=youtu.be>

OCP CORPORATE MEMBERSHIP



OPEN™
COMMUNITY



OPEN™
SILVER



OPEN™
GOLD



OPEN™
PLATINUM

[To find out more: https://www.opencompute.org/membership](https://www.opencompute.org/membership)

MEMBERSHIP REQUIREMENTS

Annual Contributions

Platinum	2 Contribution Credits
Gold	1 Contribution Credit
Silver	No Requirements
Community	No Requirements

Annual Sponsorships*

Platinum	3 Events
Gold	2 Events
Silver	1 Event
Community	No Requirements

* Restrictions Apply

New Requirements

- Effective March 1st 2018 or for any renewals after March 1st. (Members were notified Jan 2018)
- Contribution Changes are available [here](#).
- [Opt Outs](#) available
- Contribution Credits Details outlined [here](#).
- OCP will track all requirements.
- Renewal at existing level is contingent on meeting requirements.

OCP COMMUNITY: PROJECTS & SUB-PROJECTS



NETWORKING

ONL, ONIE, SAI, SONiC,
CAMPUS BRANCH WIRELESS



RACK & POWER

ADV COOLING SOLUTIONS,
POWER SHELF INTEROPERABILITY



STORAGE

JDA PROJECT
ARCHIVAL



SERVER

PCI 3.0 MEZZ



DC Facility

MODULAR DC



HPC



TELCO

OPEN EDGE



HW MGMT

OPENRMC



Open Sys FW



SECURITY

HOW TO PARTICIPATE: PROJECT COMMUNITIES

JOIN

- Project Mailing Lists
- Project Calls

DRIVE

- Project Focus
- Thought Leadership

RUN

- Project Leaders
- IC Committee

CONTRIBUTE

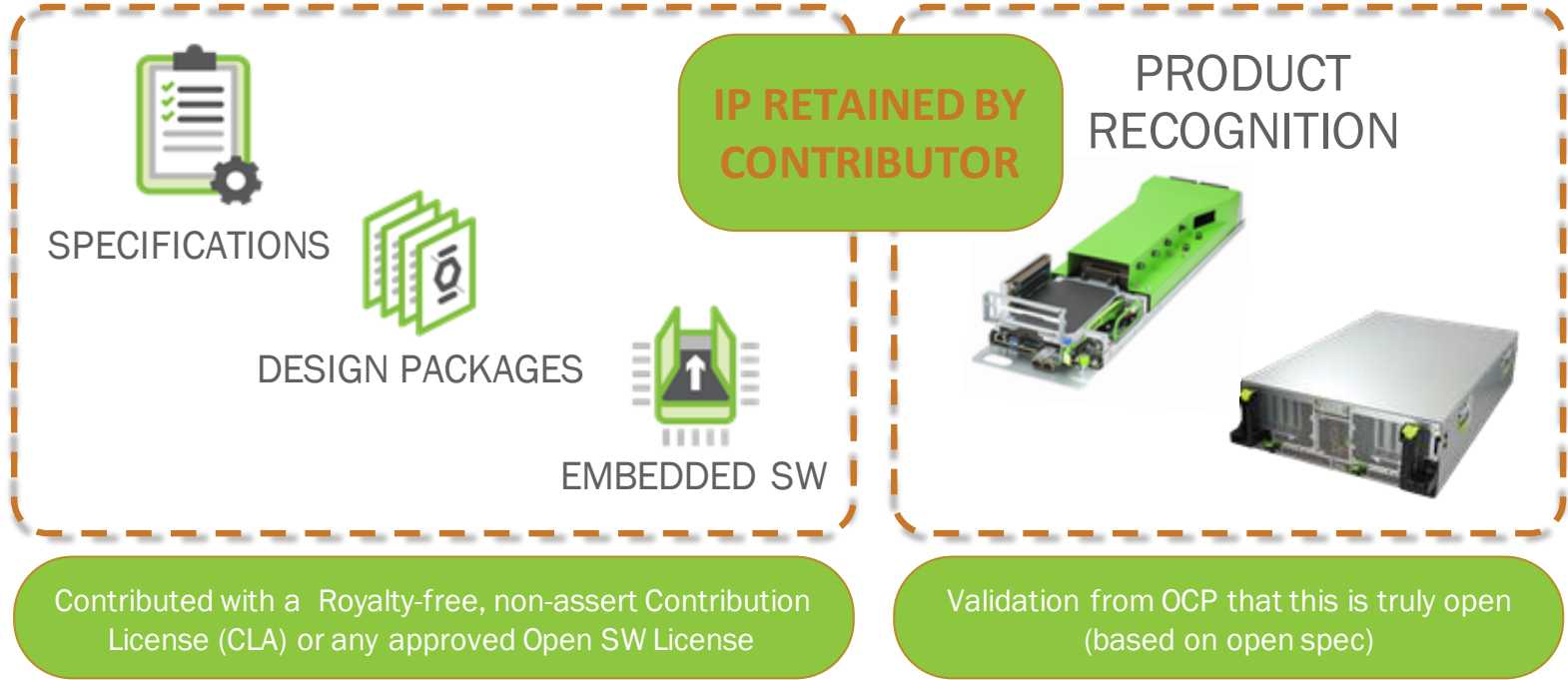
- Specs/Designs
- RAs/Tested Configs/White Papers/etc.

ATTEND

- OCP Summit
- OCP Meetings
- OCP Panels
- OCP Engineering Workshops
- OCP Days
- OCP Events

<http://www.opencompute.org/projects/>

NO IP ASSIGNMENT



WHAT CAN I CONTRIBUTE?



SPECIFICATIONS



DESIGN FILES



PRODUCT
RECOGNITION

Traditional Contributions

- Specifications for servers, cards, racks, switches, power, storage, etc.
- Design Package including gerbers, schematics, BOM, CPLD Source & binaries, etc.
- "validation" of products – No IP transfer
 - - based on OCP approved specs
 - - meets OCP Tenets
 - - issue OCP Certification Marks

WHAT CAN I CONTRIBUTE?



REFERENCE
ARCHITECTURE



TESTED
CONFIGURATIONS



WHITE
PAPERS



EMBEDDED
SOFTWARE

Non-Traditional Contributions

- Reference Architectures
- White Papers utilizing OCP Solutions
- Tested Configs utilizing OCP HW
- Embedded SW - Any SW that has access to HW Via OCP GitHub
- OCP Centric Videos, Seminars, Workshops, etc.



CASE STUDIES



WORKSHOPS
SUMMITS



TESTIMONIALS
SEMINARS



VIDEOS

SO MANY WAYS TO GET INVOLVED



SPECIFICATIONS



REFERENCE
ARCHITECTURE



TESTED
CONFIGURATIONS



WHITE
PAPERS



EMBEDDED
SOFTWARE



DESIGN
FILES



PRODUCT
RECOGNITION



CASE STUDIES



WORKSHOPS
SUMMITS



TESTIMONIALS
SEMINARS



VIDEOS

OCP PRODUCT RECOGNITION PROGRAM

PRODUCTS VALIDATED BY OCP CARRY THE OCP MARK



Products that comply 100% with an existing approved specification and the design files are open sourced and available. All levels are eligible.

For Adopters

Are they truly open?

Look for the OCP Cert Marks

Include them in your RFP



Products that comply 100% with an existing approved specification and are available. OCP Silver, Gold or Platinum Members are eligible.

For Suppliers

Apply for the Cert Mark @ OCP

It is FREE

Get the Logo and advertise!

OCP FACILITY RECOGNITION



OCP Guidelines for Colo - Checklist

	A	B	C	D
1	Data Center Subsystems	Attribute	Acceptable	Optimum
17	Data Center Access	Hot/cold/rows		
24	Data Center Access	Fabric rating		
25	Data Center Access	Goods In Area	Sufficiently sized to accommodate 24 crated cabinets (add size in sq. m/ sq. ft.)	Sufficiently sized to accommodate 50 crated cabinets (add size in sq. m/ sq. ft.)
30	Data Center Access	Secure storage area	Sufficiently sized to accommodate 24 crated or uncrated racks	Sufficiently sized to accommodate 50 crated or uncrated racks
37	Electrical Systems	Must have		
38	Electrical Systems	In Rack Power shelf	2+1 redundancy	5+1 redundancy
39	Electrical Systems	Number of independent circuits to the rack	1N (A)	2N (A+B)
39	Electrical Systems	Circuit Capacity	10-16A	10-32A
39	Electrical Systems	Power receptacle / W/P type	IEC60309-2 5 wire or IEC-309 16A	IEC60309-2 5 wire or IEC-309 32A
39	Electrical Systems	Voltage (single phase)	180 - 204 VAC	180 - 204 VAC
39	Electrical Systems	Frequency	67-63 Hz	67 - 63 Hz
39	Electrical Systems	Central, upstream UPS	Yes - If no BBU	No - with BBU
39	Electrical Systems	contaminations		
40	Electrical Systems	In Rack Battery Backup (BBU)	Li-ion	Li-ion or LiFePO4
41	Electrical Systems	BBU Autonomy time	90 seconds	+3 minutes
42	Electrical Systems	Central, upstream UPS	None	None
42	Electrical Systems	Generator Start-up time (if using rack BBU)	< 1 minute	< 3 minutes
43	Cooling Systems	Must have		
44	Cooling System	Rack airflow direction	Front to Back	Front to Back
47	Cooling System	Air containment methods	Containment hot/cold applicable	Hot aisle containment



Facilities that are compliant with the OCP's Colo Guidelines will receive an OCP Ready Mark. This means that they are ready for OCP Solutions.

ADOPTING OCP GEAR



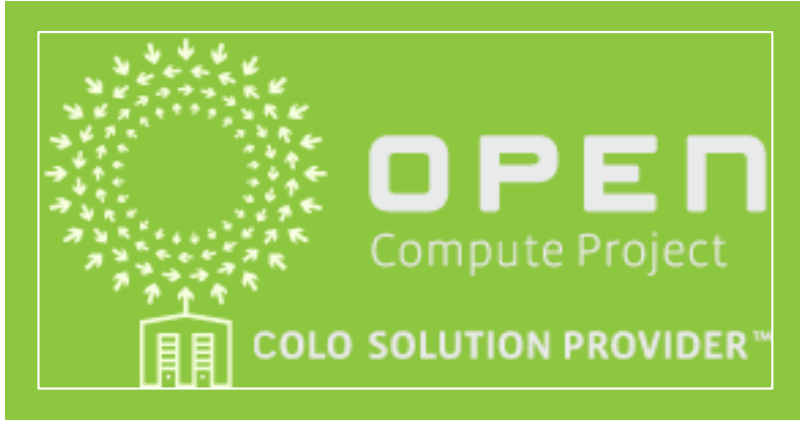
Go to the OCP Solution Provider Directory and find your local OCP SPs.

<https://www.opencompute.org/sp/open-compute-project-solution-providers>

Go to the OCP Marketplace to find OCP Solutions

<https://www.opencompute.org/products>

USING OCP FACILITY



Go to the OCP Colo Solution Provider Directory and find your local OCP Colos.
<https://www.opencompute.org/sp/open-compute-project-solution-providers>

Go to the OCP Marketplace to find the exact location of those OCP Ready™ Facilities.
<https://www.opencompute.org/products>

OCP – CALL FOR ACTION

- Each Project has a charter - **READ IT**
- Each Project has volunteer leaders - 1 or 2 Project Leads and 1 Tech Steering Committee Rep - **INTRODUCE YOURSELF**
- Each Project has a WIKI page. Sub-projects have their own WIKI. - **READ IT**
- Each Project/sub-project has a mailing list. - **JOIN THE LIST**
- Each Project/sub-project meets separately for their calls - some are monthly, some are weekly. - **ATTEND THE CALLS**
- All calls are recorded. - **LISTEN IF YOU CAN NOT ATTEND LIVE**
- Projects have workshops. - **REGISTER FOR WORKSHOPS**
- **THINK OCP WHEN YOU LOOK AT YOUR OWN INFRASTRUCTURE**

CONSUME. COLLABORATE. CONTRIBUTE.

Thank you!

Consume. Collaborate. Contribute.

