

OPEN
Compute
Project®

What is the Open Compute Project?

Membership, Projects and Programs Overview

FOUNDATION BOARD



Mark Roenigk
Chairman/President
Facebook



Partha Ranganathan
Google



Rebecca Weekly
Intel Corporation



Zaid Kahn
Microsoft Corporation



Jim Hawkins
Rackspace



Andy Bechtolsheim
Individual



Rocky Bullock
OCP, Non-Voting

FOUNDATION STAFF



Rocky Bullock
Chief Executive Officer



Bill Carter
Chief Technology Officer



Steve Helvie
Vice President
Channel Development



Dirk Van Slyke
Vice President
Marketing



Archna Haylock
Director
Community



Rajeev Sharma
Director
Software & Technologies



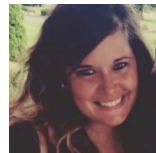
Michael Schill
Community & IT
Manager



John Laban
Representative
Europe



Kali Burdette
Manager
Meeting & Events

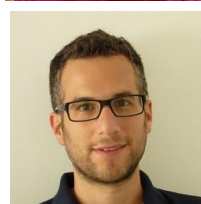


Kate Hendle
Meeting & Events
Specialist



Nick Bullock
Director
Finance

WHO ARE WE?



13 Strategic
Thought Leaders
(Incubation
Committee)

WHO ARE WE?

FACEBOOK



intel

rackspace
technology

intel



Microsoft

Google

FACEBOOK

IBM

FACEBOOK



NOKIA



NVIDIA

13 Strategic
Thought Leaders
(Incubation
Committee) and...



50+ Elected Volunteer
Project Leaders
... from 23 companies.



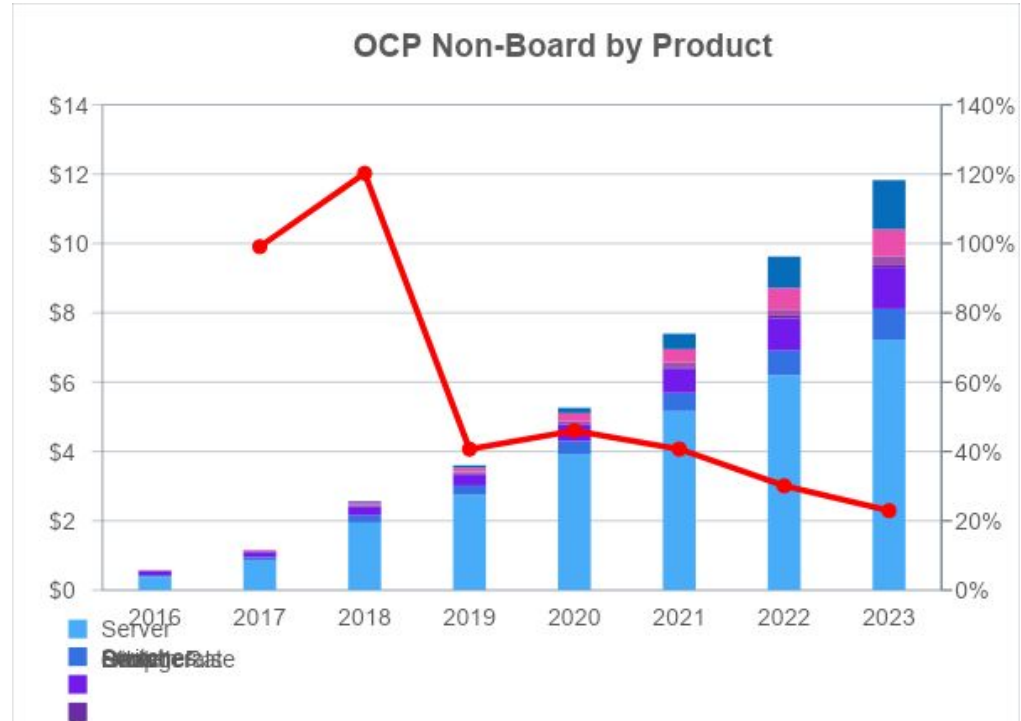


50+ Elected Volunteer
Project Leaders
... from 23 companies.



NON-BOARD OCP REVENUE TO TOP \$11B IN 2023

- IT infrastructure [servers, switches, storage] top categories for revenue
- Racks & power need DC building changes & getting denser, resulting in slower growth
- Other [PON and cell site gateway] challengers out to 2023
 - PON remains in POCs
 - Cell site gateway with strong software ecosystem poised for growth
- Other [co-processors] emerging category will be impactful by 2023



MEMBERSHIP FACTS

~200 Members from all over the world

- Adopters (hyper-scalers, enterprise, retail, financial, etc.)
- Suppliers (HW and SW)
- Data Center operators
- Solution Providers
- Service Providers

6000 participants in our community

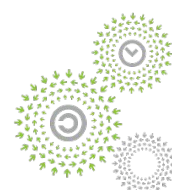
- Technical (HW and SW) Executives
- Sales/Business Development
- Laboratories (Research/Test)
- Manufacturing/Process
- Facilities
- Academia



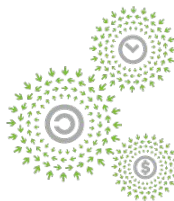
OPEN
COMMUNITY®



OPEN
SILVER®



OPEN
GOLD®



OPEN
PLATINUM®



OPEN
Compute Project
SOLUTION PROVIDER®



OPEN
Compute Project
COLO SOLUTION PROVIDER™

[OCP Membership Directory](#)

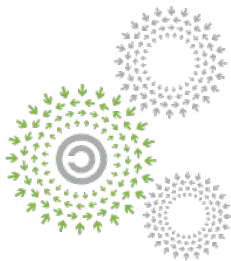
MEMBERSHIP & ANNUAL DUES



OPEN
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\$2500

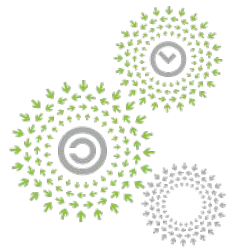
0 contributions
0 events



OPEN
SILVER®

\$60,000

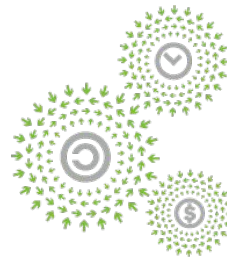
0 contributions
1 event



OPEN
GOLD®

\$50,000

1 contribution★
2 events



OPEN
PLATINUM®

\$40,000

2 contributions★
3 events

OCP MEMBERSHIP OVERVIEW

★Contribution opt-outs available for Gold & Platinum levels... reach out to OCP staff for more details.

COMMUNITY: PROJECTS & SUB-PROJECTS



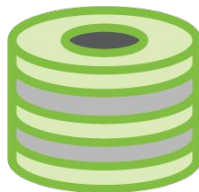
NETWORKING

OPEN NTWK LINUX (ONL), OPEN
NTWK INSTALL ENV (ONIE),
ENTERPRISE CONNECTIVITY (ECS),
SONIC/SAI



RACK & POWER

ADV COOLING SOLUTIONS(ACS),
POWER SHELF INPUT, OPEN RACK
FRAME V3, BM LC CONNECTOR,
ORV3 POWER SYSTEMS



STORAGE

ARCHIVAL, NVMe
SSD



SERVER

PCI 3.0 MEZZ, OPEN ACCELERATOR (OAI),
OPEN DOMAIN SPECIFIC ARCHITECTURE
(ODSA), HIGH PERF COMPUTING (HPC)



DC Facility

MODULAR DC, ADV
COOLING FACILITIES



TELCO

EDGE



HW MGMT

OPENRMC, HW
MODULE MGMT,
HW FAULT MGMT



Open Sys FW

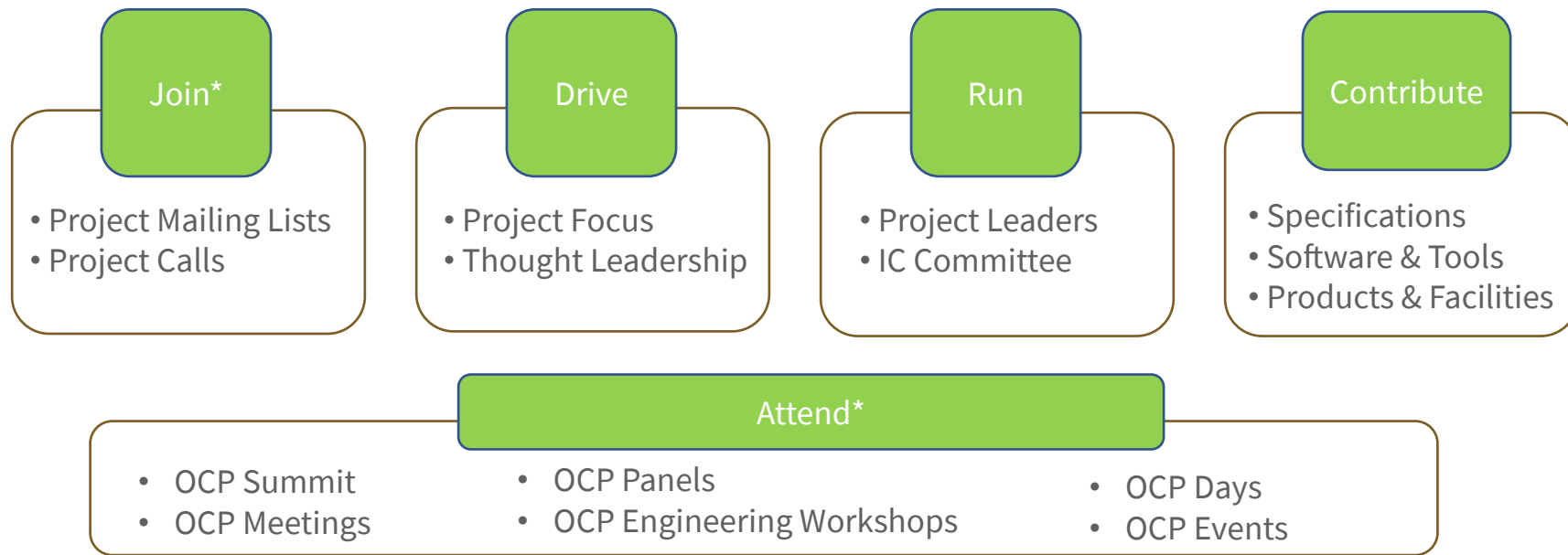


SECURITY



TIME APPLIANCES

HOW TO GET STARTED?



* Membership not required.

TYPES OF CONTRIBUTIONS

TRADITIONAL



Specs



Design
Files



Product /
Facility
Recognition

OUT OF THE BOX



Reference
Architecture



Tested
Configs



White
Papers



Embedded
SW



Case
Studies



Seminars



Requirements
Documents

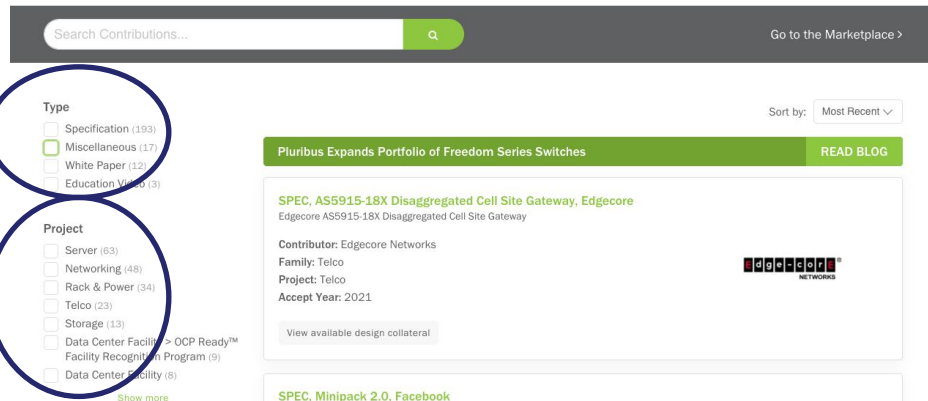



Videos

USING OCP CONTRIBUTIONS

Contributions

Welcome to the OCP Contributions Database. All contributions listed here have undergone a comprehensive validation process and are available for you to utilize in your own infrastructure. See what you can learn from these contributions, build on their expertise, share your experiences and give back to the Community. [Join in the movement and contribute today!](#)



Search Contributions... 

Go to the Marketplace >

Sort by: Most Recent ▾

Type

- ☐ Specification (193)
- ☒ Miscellaneous (17)
- ☐ White Paper (12)
- ☐ Education Video (3)

Project


- ☐ Server (63)
- ☐ Networking (48)
- ☐ Rack & Power (34)
- ☐ Telco (23)
- ☐ Storage (13)
- ☐ Data Center Facility > OCP Ready™ Facility Recognition Program (9)
- ☐ Data Center Facility (8)

[Show more](#)

Pluribus Expands Portfolio of Freedom Series Switches [READ BLOG](#)

SPEC, AS5915-18X Disaggregated Cell Site Gateway, Edgecore
Edgecore AS5915-18X Disaggregated Cell Site Gateway

Contributor: Edgecore Networks
Family: Telco
Project: Telco
Accept Year: 2021



[View available design collateral](#)

SPEC, Minipack 2.0, Facebook

- On the [OCP Contribution Database](#), select the type of contribution you wish to download.
NO PASSWORDS!
 - Reference Documents
 - Specifications
 - Software
 - Guidelines/Best Practices
 - Facility Self Assessments
 - Videos
- You can also select by a specific Project or by contributing member.
- All Contributions have been approved by OCP's IC and have associated licenses for implementation and use.
- All are free and open to the Public.

OCP PRODUCT RECOGNITION PROGRAM



Submit your products for recognition if:

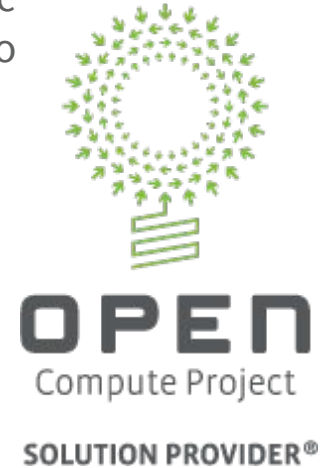
- You are building a product based on an OCP approved spec
- You are submitting your spec as a contribution and are also submitting your product for recognition.



Once your product receives the cert mark you can:

- Use the cert mark on your product collateral
- Use the cert mark on your website
- Use the cert mark as a differentiator on RFPs/RFQs/RFIs
- Become an OCP Solution Provider to use the OCP Marketplace as an additional channel

Annual Cost for OCP Solution Provider Program: \$4,000 USD



OCP PRODUCT RECOGNITION PROGRAM

PRODUCTS VALIDATED BY OCP CARRY THE OCP MARK



Products that comply 100% with an existing approved specification, the design files are open sourced, and are available to public. 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 to the public. 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 PROGRAM

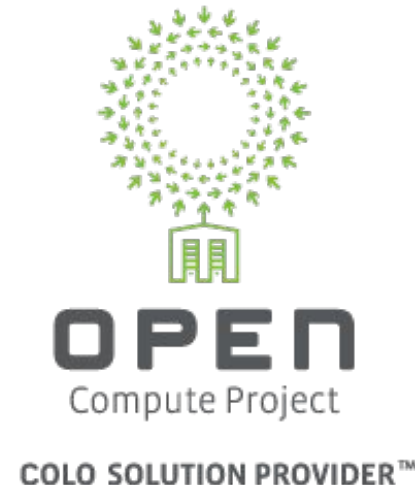


OCP Guidelines for Colos - Checklist

File Edit View Insert Format Data Tools Add-ons Help Last edit was made on May 16 by Brevan Reyher

	A	B	C	D	E
1	Data Center Subsystems	Attribute	Acceptable	Optimum	
27	Data Center Access	nice-to-have			
28	Data Center Access	Pallet ramp		Available	
29	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	
31	Electrical Systems	must-have			
32	Electrical Systems	In Rack Power shelf	2+1 redundancy	5+1 redundancy	
33	Electrical Systems	Number of independent circuits to the rack	1N (A)	2N (A+B)	
34	Electrical Systems	Circuit Capacity	3φ 16A	3φ 32A	
35	Electrical Systems	Power receptacle / WIP type	IEC60309-2 5 wire or IEC-309 16A	IEC60309-2 5 wire or IEC-309 32A	
36	Electrical Systems	Voltage (single phase)	180 – 264 VAC	180 – 264 VAC	
37	Electrical Systems	Frequency	47-63 Hz	47 - 63 Hz	
38	Electrical Systems	Central, upstream UPS	Yes - if no BBU	No- with BBU	
39	Electrical Systems	considerations			
40	Electrical Systems	In Rack Battery Backup Unit (BBU)	Li-ion	Li-ion or LiFePO4	
41	Electrical Systems	BBU Autonomy time	90 Seconds	>3 minutes	
42	Electrical Systems	Central, upstream UPS	None		
43	Electrical Systems	Generator Start-up time (if using rack BBU)	< 1 minute	< 1 minute	
45	Cooling System	must-have			
46	Cooling System	Rack airflow direction	Front to Back	Front to Back	
47	Cooling System	Air containment methods	Containment hot/cold applicable	Hot aisle containment	

+ Revision, Licence & Use Checklist - Simple Checklist - Detailed Recognition Scorecard



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

Annual Cost for OCP Colo SP Program: \$4,000 USD

OCP MARKETPLACE

400G Disaggregated Core and Edge Router (DDC)

The UfiSpace 400G disaggregated core and edge router, also known as the S9700-23D, is designed to using the Distributed Disaggregated Chassis ...

Solution Providers: UfiSpace, EPS Global

Part #: S9700-23D

DRIVENETS **CUMULUS** **one**  [More](#)

[Specifications](#)



MiTAC Tioga Pass Standard Sku - 1024 GB R-DIMM, DDR4 2666MT/s with 16 DIMM slots

Supports up to 1024 GB R-DIMM, DDR4 2666MT/s with 16 DIMM slots

Solution Providers: MiTAC, Circle B, Atlancis Technologies, Vesper Technologies, ITOCHU Techno-Solutions Corporation, Vodea

Part #: E7278P-S

VMware READY **SEBA** **SARDINA**

[Specifications](#)



maincubes - AMS01 (Amsterdam, The Netherlands)

maincubes operates high-availability and secure data centers in Germany and the Netherlands and has been focusing on energy efficiency and sus...

Solution Provider: maincubes

Part #: maincubes - AMS01 (Amsterdam, The Netherlands)

[Specifications](#)

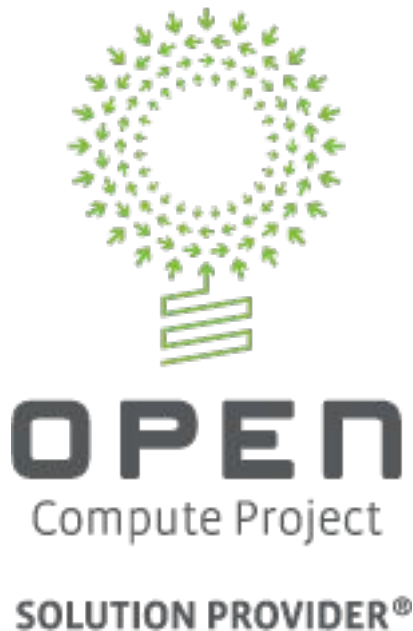


The OCP Marketplace is a listing of the OCP Products and Facilities available through OCP Solution Providers. If you are interested in listing your products or facilities on the Marketplace, sign up to be an OCP Solution Provider.

All Products have associated specs and/or specs with design packages.

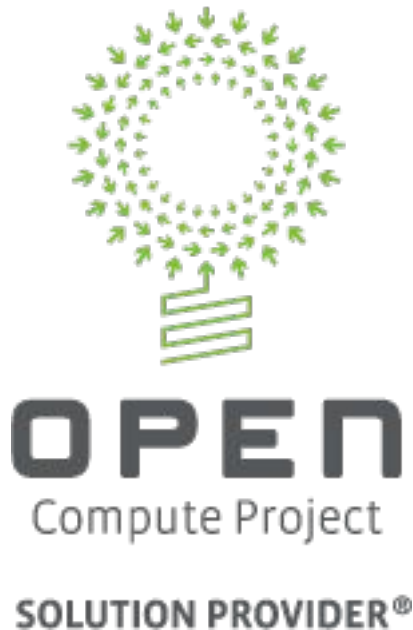
All specs and design packages are free and open to download to the public.

ADOPTING OCP GEAR



- On the [OCP Solution Provider Directory](#), find your local OCP SPs.
- On the [OCP Marketplace](#), select the type of certified products or Integrated Solutions you need for your infrastructure needs.
- On the [OCP Marketplace](#), Circular Economy Option enables sustainable and affordable solutions as well.

USING AN OCP FACILITY



- On the [OCP Colo Solution Provider Directory](#), find your local OCP Colos.
- On the [OCP Marketplace](#), select Facilities to find the exact location of OCP Ready™ Facilities.

FOR MORE INFORMATION

Membership: membership@opencompute.org

Community Related Questions:

Archna Haylock

Archna@opencompute.org

WhatsApp: 4089219050 || WeChat: archnahaylock || Twitter: @ArchnaOCP

LinkedIn: [linkedin.com/in/archnahaylock](https://www.linkedin.com/in/archnahaylock)

Membership Level Benefits - reference

OCP MEMBERSHIP BENEFITS - COMMUNITY

Annual Contribution Requirement: None
Annual Sponsorship Requirement: None
Eligible for becoming a SP/Reseller: Yes
Summit Sponsorship Discount: None
Annual Speaking Engagements: None
PL or IC position eligibility: Yes – pending contribution
Voting keys for IC election: None
Eligible for OCP Accepted™ Product Recognition: Yes
Eligible for OCP Inspired™ Product Recognition: No
Eligible for OCP Ready™ Facility Program: Yes

Annual Cost: **\$2,500**

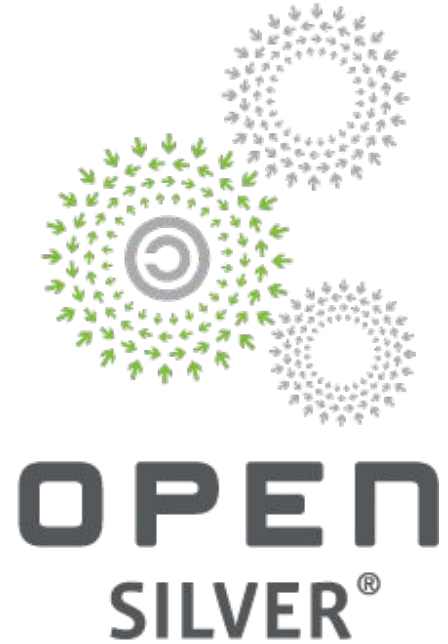


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OCP MEMBERSHIP BENEFITS - SILVER

Annual Contribution Requirement:	None
Annual Sponsorship Requirement:	1
Eligible for becoming a SP/Reseller:	Yes
Summit Sponsorship Discount:	10%
Annual Speaking Engagements:	1
PL or IC position eligibility:	Yes
Voting keys for IC election:	1
Eligible for OCP Accepted™ Product Recognition:	Yes
Eligible for OCP Inspired™ Product Recognition:	Yes
Eligible for OCP Ready™ Facility Program:	Yes

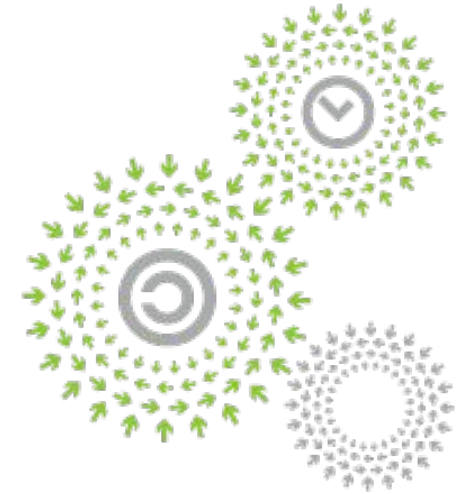
Annual Cost: **\$60,000**



OCP MEMBERSHIP BENEFITS - GOLD

Annual Contribution Requirement:	1	
Annual Sponsorship Requirement:	2	
Eligible for becoming a SP/Reseller:	Yes	
Summit Sponsorship Discount:	15%	
Annual Speaking Engagements:	2	
PL or IC position eligibility:	Yes	
Voting keys for IC election:	2	
Eligible for OCP Accepted™ Product Recognition:	Yes	
Eligible for OCP Inspired™ Product Recognition:	Yes	
Eligible for OCP Ready™ Facility Program:	Yes	

Annual Cost: **\$50,000**

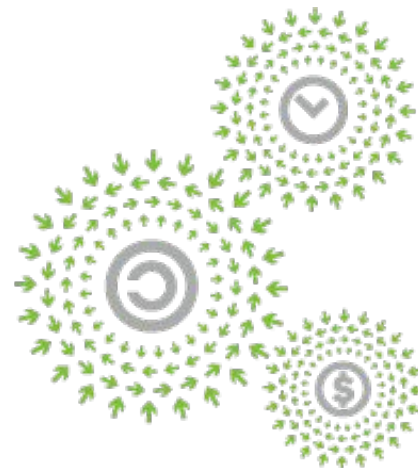


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OCP MEMBERSHIP BENEFITS - Platinum

Annual Contribution Requirement:	2	
Annual Sponsorship Requirement:	3	
Eligible for becoming a SP/Reseller:	Yes	
Summit Sponsorship Discount:	20%	
Annual Speaking engagements:	3	
PL or IC position eligibility:	Yes	
Voting keys for IC election:	3	
Eligible for OCP Accepted™ Product Recognition:	Yes	
Eligible for OCP Inspired™ Product Recognition:	Yes	
Eligible for OCP Ready™ Facility Program:	Yes	

Annual Cost: **\$40,000**



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