



# OpenOpcUa.org

## An Open Source OPC UA C/C++ Implementation



### Michel Condemine

- ◆ OpenOpcUa Project leader
- ◆ OPC Foundation TAC member
- ◆ CEO at 4CE Industry
- ◆ OPC UA France President
- ◆ [MichelC@4CE-Industry.com](mailto:MichelC@4CE-Industry.com)
- ◆ +33 467 790 737



Looking for North-America partners

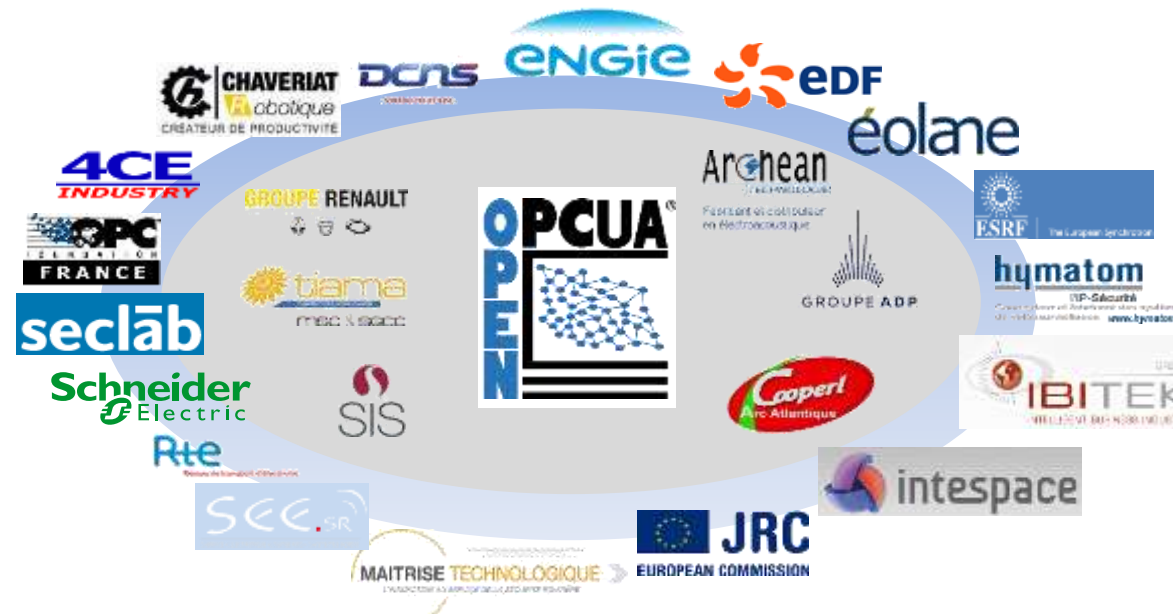


# OpenOpcUa Project Consortium

**OpenOpcUa** is an corporate consortium lead by Michel Condemine (4CE Industry). The consortium 's objectives include:

1. Develop an **industrial quality open source code base** compliant with the OPC Foundation (OPC UA) specification.
2. **Promote the OPC UA** technology using OpenOpcUa codebase
3. **Help companies in OPC UA** understanding and adoption

CERTIFIED  
RELIABLE  
ADOPTED  
SECURE  
MULTIPLATFORM  
FLEXIBLE



**Some numbers :**

- +500 Observers
- +200 Contributors
- +50 Funding
- +100 Real project



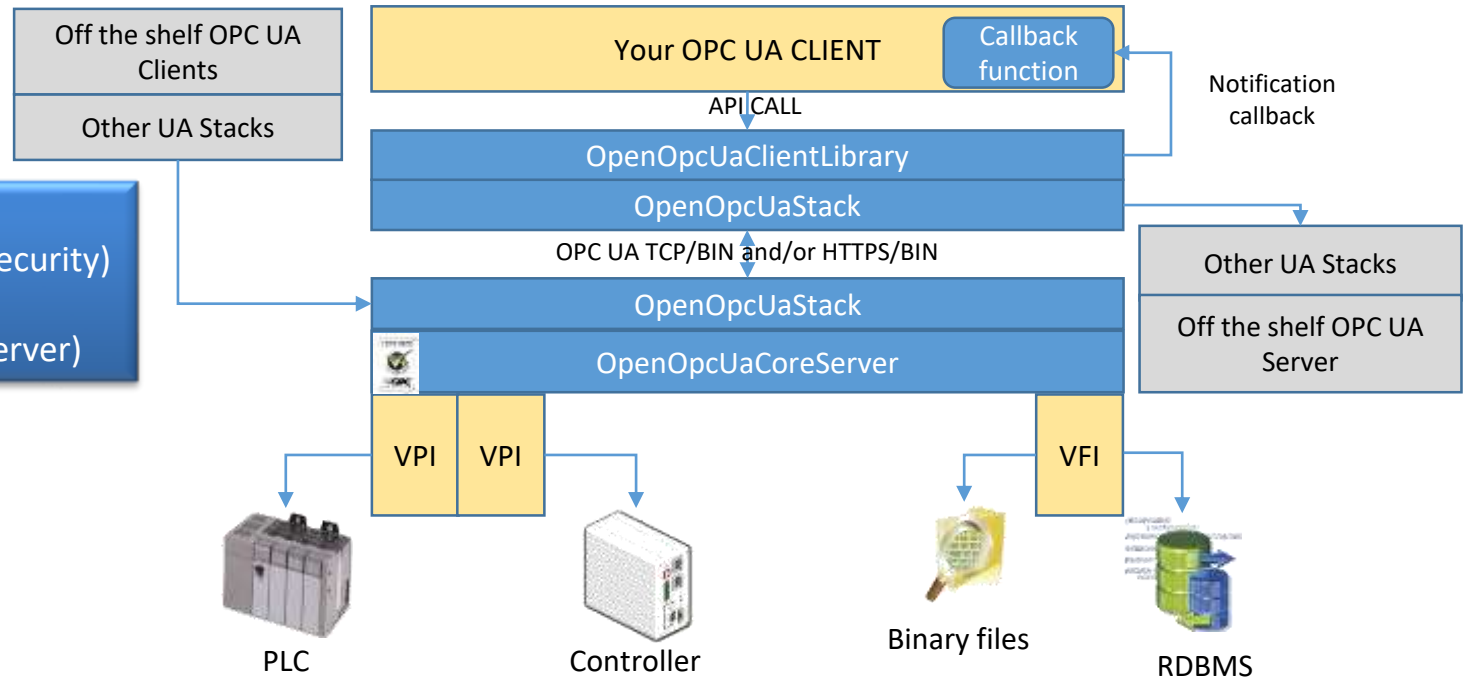
# OpenOpcUa project

## Project components

- ❑ The OpenOpcUa project is developed under the **CeCill-C license model**.
- ❑ **CeCILL-C** license aligns well with component type projects.
- ❑ **CeCILL** stand for Ce(A)C(nrs)I(NRIA)L(ogiciel)L(ibre)
- ❑ While forking the server and the client codebase is forbidden, Vpi and Vfi codebase can part of OpenOpcUa project or owned by their creator. This license is compliant with [LGPL V3](http://www.cecill.info) according to the French law. More details at <http://www.cecill.info>

OpenOpcUa is divided into three main components

1. OpenOpcUa stack (Encoding, transport and security)
2. OpenOpcUa client API (OPC UA client SDK)
3. OpenOpcUaCoreServer (OPC UA Reference server)



- OpenOpcUa components
- Off the shelf UA application
- OpenOpcUa extensions
  - Data connector (VFI)
  - Device connector (VPI)



# OpenOpcUa project

## Web site

Download binary for  
Windows and Linux

Access to the openOpcUa  
collaborative tool.  
(Redmine)

OpenOpcUa is an opensource and multi-platform C/C++ project

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**OPCUA**

DCNS EDF éolane  
COFELY INEO ACE GDF SUEZ  
OPCUA  
ARCHEAN hysatom  
seclab Schneider Electric RTE SIS SCS MAITRISE TECHNOLOGIQUE LAB.COM JRC  
IBITEK intespace

### OpenOpcUa formerly Open Source for OpcUa

OpenOpcUa is an initiative launched in 2009 by a consortium of French companies led by Michel Condemine (4CE Industry). The objectives of this consortium are multiple:

- Create a professional quality codebase implementing OpcUa concept
- Help users understand OpcUa technology

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# OpenOpcUa Project Forge

<http://www.openopcu.org/redmine>

Home My page Projects Administration Help Logged in as michel My account Sign out

## OpenOpcUa

Search:  Jump to a project...

### Home

**Bienvenue le portail collaboratif du projet OpenOpcUa.**  
Pour l'accès au code source nous vous conseillons :

- Sous Windows <http://ankhsvn.open.collab.net/> ou <http://tortoisesvn.net/>
- Sous Linux <http://tortoisesvn.net/>

**Welcome on the OpenOpcUa project forge**  
To access the source we advice you

- Using Windows <http://ankhsvn.open.collab.net/> ou <http://tortoisesvn.net/>
- Using Linux <http://tortoisesvn.net/>

#### Latest news

**OpenOpcUa: New API**  
*Two new API in OpenOpcUa client lib*  
Added by Michel Condemine Admin [about 1 month ago](#)

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**OpenOpcUa: New IdentityToken in OpenOpcUa**  
*OpenOpcUa support now 2 identityToken, AnonymousIdentityToken and UserNameIdentityToken*  
Added by Michel Condemine Admin [2 months ago](#)

**OpenOpcUa: OpenOpcUa workshop in New York City**  
*OpenOpcUa is organizing a developer's workshop on April 23 - 24 at New York City*  
Added by Michel Condemine Admin [3 months ago](#)

**OpenOpcUa: OpenOpcUaClientSdk Demo**  
*Source code of a OPC UA Client for Windows.*  
Added by Michel Condemine Admin [3 months ago](#)

#### Latest projects

- **OpenOpcUa Sponsors** (04/01/2015 01:34 pm)  
Private project for OpenOpcUa sponsors
- VpiComDa (01/28/2015 09:01 pm)  
VpiComDa is a Vpi Wrapper for OPC COM DA Server  
<http://www.openopcu.org/OpenOpcUa/vpicomda>
- OpenOpcUa V2 (05/17/2014 06:07 pm)  
OpenOpcUa Project Version 2
- CoreServer (04/03/2014 12:20 pm)
- OpenOpcUaClientSdk (03/12/2014 05:40 pm)  
Package for dient development. This project contains only shared and code deliverable.

Source Code and update can be found in Sponsors project

OpenOpcUa Forge includes two projets types:

1. Private projects
2. Public projects

Only Sponsors can access private project





# OpenOpcUa project

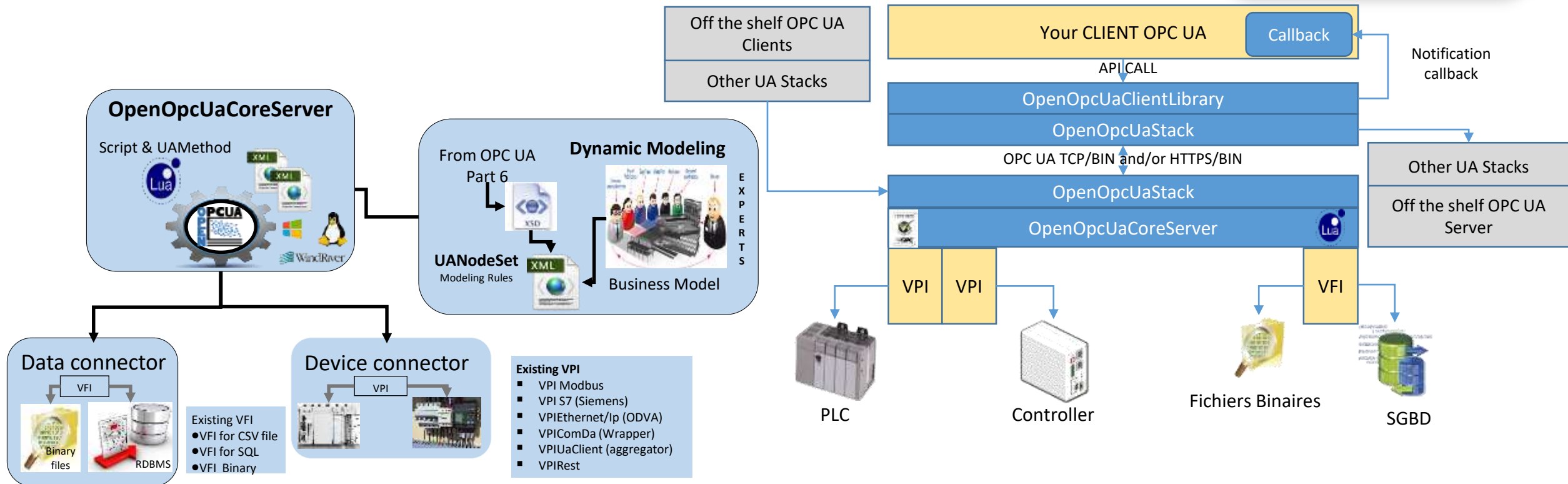
## Les composants du projet

OpenOpcUa is divided into three main components

1. OpenOpcUa stack (Encoding, transport and security)
2. OpenOpcUa client API (OPC UA client SDK)
3. OpenOpcUaCoreServer (OPC UA Reference server)

Legend:

- OpenOpcUa components
- Off the shelf OPC UA application
- OpenOpcUa extensions
  - Data connector (VFI)
  - Device connector (VPI)





# OpenOpcUa project

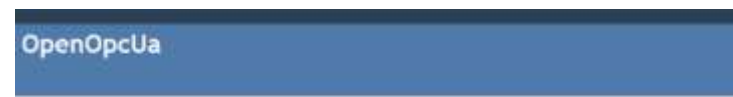
## Bug reporting

### Bug tracking/ Evolution/Support

Redmine's bug tracking is used to globally handle request for evolution, bug report and assistance,

How to report a bug:

- Connect to the forge  
<http://www.openopcu.org/redmine>
- Select OpenOpcUa project
- Select « New request »
- Fill in the form based on your request type

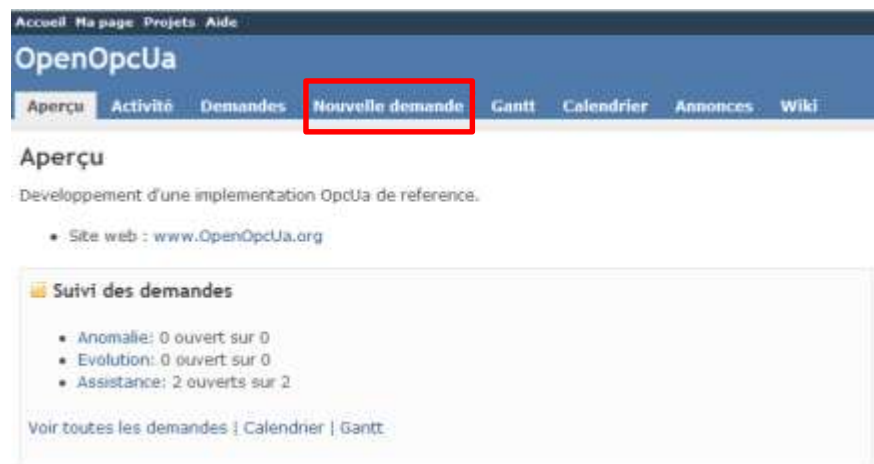


Identifiant :

Mot de passe:

Rester connecté

Mot de passe perdu:





# Support our effort

## Access the codebase



### Gold Sponsor

- 4 days Workshop
- Weekly project meeting
- Technical @Support for 1 year
- Vote on OpenOpcUa feature planning



### Titanium Sponsor

- 4 days Workshop
- Weekly project meeting
- Technical @Support for 6 month



### Silver Sponsor

- 4 days Workshop
- Technical @Support for 6 month







# Support our effort

## Access the codebase



### Bronze Sponsor

- Technical @Support for 3 month
- 1-hour webinar



### Blue supporter (no commercial use)

- Technical @Support for 1 month
- 1-hour webinar



### Green Supporter (no commercial use)

- 1-hour webinar





# Support our effort

## Support OpenOpcUa



[www.OpenOpcUa.org](http://www.OpenOpcUa.org)

Sponsorship	Retail Price	License Type/Maintenance Period	Software included	Services included	Notes
Green Sponsor	500,00 €	<ul style="list-style-type: none"> <li>Code received can be kept and used forever without any limitation for none commercial.</li> <li>Access to new version require a new sponsorship.</li> </ul>	<ul style="list-style-type: none"> <li>OpenOpcUa Codebase : Core Server, stack, sharedlib, XML parser, client samples, and Binary</li> <li>OpenOpcUa Binary : Client Library, VPI library, VFI library.</li> <li>Samples source : VpiNull, VpiNullEx, command line client, Qt client, MFC Client.</li> </ul>	1 hour webinar. No support,	Targeted at first look at source, You cannot use code base for commercial product.
Blue Sponsor	1 000,00 €	<ul style="list-style-type: none"> <li>Code received cannot be redistribute to none OpenOpcUa sponsor</li> </ul>		1 hour webinar. One month support	Targeted at first look at source, You cannot use code base for commercial product.
Bronze Sponsor	3000,00 €			1 hour webinar. Three month support	Can be use in commercial product.
Silver Sponsor	8 000,00 €	<ul style="list-style-type: none"> <li>Code received can be kept and used forever without any limitation.</li> <li>Access to new version require a new sponsorship.</li> </ul>	<p><b>Source code</b></p> <p>Core Server with simulator, stack, sharedlib, XML parser, client API, client samples, and Modbus binary. Also includes VPI library, library based VPI samples, VFI library and VFI library based samples,</p> <p><b>PowerTools :</b></p> <ul style="list-style-type: none"> <li>Configuration tool,</li> <li>VPI Binaries for internal demonstration, but not for distribution.</li> <li>VFI Binaries for internal demonstration, but not for distribution</li> </ul>	5 day training. Six month support,	Can be use in commercial product.
Titanium Sponsor	11000,00 €	<ul style="list-style-type: none"> <li>Code received can be kept and used forever without any limitation.</li> <li>Access to new version require a new sponsorship.</li> </ul>		5 day training, Six month support, weekly one hour call.	Can be use in commercial product.
Gold Sponsor	15 000,00 €	<ul style="list-style-type: none"> <li>Code received can be kept and used forever without any limitation.</li> <li>Access to new version require a new sponsorship.</li> </ul>		5 day training and weekly one hour call. One year support	Can be use in commercial product.



# Questions ?

OpenOpcUa

[www.OpenOpcUa.org](http://www.OpenOpcUa.org)

+33 467 790 737



**4CE**  
**INDUSTRY**

Michel Condemine

- OpenOpcUa Project leader
- OPC France representative.
- OPC TAC member
- 4CE Industry CEO
- [MichelC@4CE-Industry.com](mailto:MichelC@4CE-Industry.com)