OCA RELEASE 1.2

This is release 1.2 of OCA, the Open Control Architecture), developed and published by the Open Control Alliance. OCA is a proposed open public standard for control and monitoring of professional media networks.

OCA is divided into three parts:

- **OCF**, the **O**pen **C**ontrol **F**ramework
- **OCC**, the **O**pen **C**ontrol **C**lass structure
- **OCP.<n>,** the family of **O**pen **C**ontrol **P**rotocols built on OCF and OCC. **OCP.1** is the TCP/IP-based protocol. **OCP.2, OCP.3,** etc. will be developed in the future as needed for other network types.

Files

The files in this release are in several folders, as described below.

OCA Availability .pdf .... Alliance policy on using OCA,

OCF (Framework)

OCA 1.2 Framework .pdf .... Open Control Framework, full document; 46 pages

OCC (Class Structure)

The DOC files are machine-generated from the UML master file.

OCA 1.2 Control Classes Overview .pdf .... Short introduction to OCC; 5 pages

OCA 1.2 Control Classes .pdf .... Full listing of classes; 136 pages

OCA 1.2 Control Classes Compact List .pdf .... Compact listing of classes 32 pages

OCA 1.2 Control Class IDs .pdf .... Summary list of class IDs; 5 pages

OCA 1.2 Control Class Diagrams .pdf .... Class diagrams to go with the above; 21 pages

OCA 1.2 Control Datatypes .pdf .... Datatype definitions; 57 pages

OCA 1.2 Control Class Construction Parameters .pdf .... Class construction parameters - see the Overview for explanation; 30 pages

OCA 1.2 Control Class UML Definitions .eap .... UML file -- see **UML**, below.

OCA 1.2 Minimum Object Configuration .doc .... Minimum required object configuration, 6 pages.

OCP.1 (TCPIP Protocol)

OCA 1.2 TCPIP Protocol .doc .... OCA protocol ("OCP.1") for TCP/IP networks; 19 pages.

CHANGES IN THIS RELEASE

Changes in this release are as follows:

OCA Availability

New document (1 page) setting forth Alliance policies on use of OCA.

OCF

A few editorial changes.

OCC

A small number of nontrivial functional changes to OCC, and a large number of editorial corrections. Please see the revision history in the UML file for details.

OCP.1

A new detailed definition of the datatype **Ocp1NetworkSystemInterfaceID**; no functional changes.

UML

The file **OCA 1.2 Control Class UML Definitions .eap** is the UML (Unified Modeling Language) master file for OCC. It is the file from which the Main and Diagrams documents have been generated.

The file has been build using a UML tool named **Enterprise Architect** from Sparx Systems. The version of the tool the Alliance uses (here) costs $240, but Sparx Systems offers a free viewer, download link here. There is also a 30-day free trial version of the full package -- see the download page here.

FURTHER INFORMATION

For further information, please visit the OCA Alliance website:

- http://oca-alliance.org,

or contact the Alliance Operations Manager, Ms. Tina Lipscomb, at:

- OCA Alliance
  23117 39th Avenue Southeast
  Bothell, WA
  USA 98021

  +1 425 760 8324

  tina.lipscomb@oca-alliance.com