

Whitebox ICD Table

The purpose of Whitebox ICD Table is to show how [Part Properties](#) are connected via ports/interfaces. This table collects all parts of the context element. Those parts are connected through the ports/interfaces using [Connector](#) relationship. You can visually identify what kind of ports/interfaces (Port A and Port B) and flows (Item Flow) are used to connects two Part Properties (Part A and Part B).

In the row 1 of the following figure, the *Controller* Part Property sends the *control* Signal to the *Boiler* Part Property through the ports *b* and *c*. The *Controller* receives the *Status* signal from the *Boiler* through the Ports *c* and *b*. In the row 2, the Part *Controller* sends the flow *Elec Power* to the Part *Boiler* through the Ports *bp* and *p in*. [Learn how to create and work in the Interface Control Documents >>](#)

Criteria
Element Type: ... Context: {} ... Filter:

#	Part A	Port A	Port A Features	Item Flow	Port B	Port B Features	Part B
1	heat & valve : Controller	b : Boiler Signals	in status : Signals out control : Signals	B to L Blr Sig L to B Blr Sig	c : ~Boiler Signals	out status : Signals in control : Signals	evaporator : Boiler
2	heat & valve : Controller	out bp : Elec Power		Elec Power	in p in : Elec Power		evaporator : Boiler

An example of Whitebox ICD Table.

A Whitebox ICD Table consists of the following columns.

Column name	Description
#	A row number.
Part A	Displays a Part that is connected with Part B.
Port A	Displays a Port that is connected with Port B.
Port A Features	Displays all the properties of the Port A.
Item Flow	Displays the flow kind and its direction which flows through the Connector between two Parts (Part A and Part B).
Port B	Displays a Port that is connected with Port A.
Port B Features	Displays all the properties of the Port B.
Part B	Displays a Part that is connected with Part A.