

Candidate Application Information sheet

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Application Name and Version

BSPro COM-server for Ifc-files ver. 2.0

Software Company & Contact info

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Availability

BSPro publicly available at www.bspro.net

Application Description

BSPro

BSPro COM-Server is a so-called “middleware” solution, based on Microsoft’s COM technology, that can link new and/or existing software tools allowing them to exchange IFC-compliant building data. It uses a language-independent architecture and can be used in any programming environment within Windows.

View

CAD-VIEW

IFC Implementation Type

Toolbox/Server

IFC Data Import

IFC object instances to be contained in the appropriate hierarchical organization (e.g., project->site->building->building story etc.). However, some flexibility in this requirement has been built into BSPro.

Minimum IFC-data:

- ‘building part’ entities such as IfcWall, IfcWindow, IfcColumn etc... with or without the appropriate hierarchical organization .

IFC Data Export (if relevant)

BSPro: Thermal space properties, IfcProxies back to an existing ifc-file.

Other

BSPro COM-Server has its scope in Building Services (BS) i.e. HVAC and electrical. Currently, BSPro COM-Server handles building geometry and thermal data for the building envelope. BSPro COM-Server can be used in different tools throughout the building services implementation process. Asset, Building Element and HVAC element properties that are not related to energy simulation are not supported.