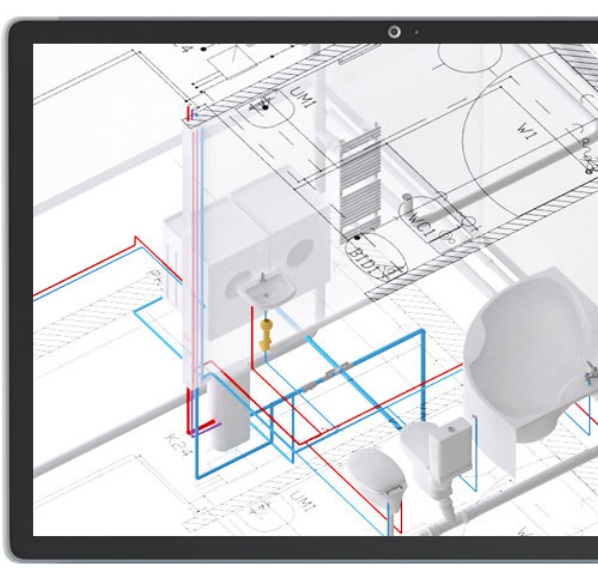# ArCADia WATER SUPPLY INSTALLATIONS
Designs of water supply installations.

Module is intended for designers of internal sanitary installations and allows for creating the professional documentation of internal water supply installations.

Easily and quickly create drawings using automatic connections of draw-off taps with the installation. Create calculations , generate axonometric views, check correctness in terms of hydraulics and automatic selection of elements from the library.

This module expands the capabilities of the ArCADia BIM program with advanced functions, which means that part of the building modelling options are available in the ArCADia BIM program:

ArCADia LT, ArCADia, ArCADia PLUS

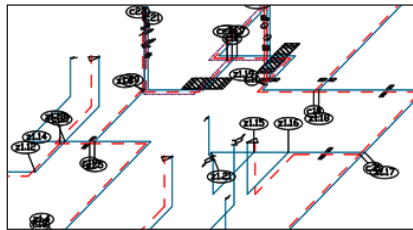## Advanced features of The ArCADia-WATER SUPPLY INSTALLATIONS module:
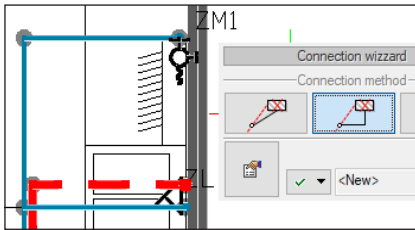
Automatically inserting a connection with draw-off taps in three ways.

Transforming an installation drawn with lines in a CAD environment into pipelines that are objects of the ArCADia system.

Automatic generation of three types of axonometry (also partial) with the possibility of graphic modification.

Introducing stop valves in axonometry drawing with automatic inclusion on the view and in the lists.

Calculation of pressure loss for all or selected water flow paths, selection of the most unfavourably located water intake point.

Calculation of heat losses and pressure losses in circulation systems with the possibility of determining the required lift height and efficiency parameters for circulation pumps.

Inclusion in the calculation of hydraulic conditions for installations with fire hydrants.

Automatic selection of system components including the applicable regulations.

Generating calculation reports.