

Shopping Center Puuvilla, Finland

Cost	USD 133M
Status	Project Handover
Participants	Skanska Talonrakennus Oy Porin Puuvilla Oy c/o Renor Oy and Mutual Pension Insurance Company Ilmarinen, +
Chapter	Nordic, Finland
buildingSMART	IFC



People are often strongly prejudiced about Building Information Modeling, modeling-based design and the utilization of BIM models, and the use of new tools is rather seen as a risk than an opportunity to do things better. **The modeling of large projects in particular stirs fearful thoughts, even though it is precisely in these large projects that the benefits of BIM are best emphasized.**

Shopping Center Puuvilla, Finland

“In the Puuvilla Shopping Center project the personnel responsible for tenant changes have used both Solibri Model Checker and Field3D mobile application for exploring building information models. In both software utilization is based on ifc models delivered by different design disciplines and a typical topic to discuss is the amount and location of the building services or suspended ceilings in the spaces. “

“During the entire design process, representatives of different branches have shared their models with each other in ifc format. The actual design is made in native design software but co-operation and sharing information between different design disciplines is made in ifc format. Designers have saved ifc models in the project bank weekly. “

“Building information models were extremely useful in perceiving the interface between the works of different element designers. Narmaplan and A-Insinöörit actively utilized each other’s up-to-date ifc models. Also architectural, HVAC and electrical ifc models were in use during the element design.”

“Beam-Net Oy, responsible for the steel structures in Kutomo, utilized the IFC model created by Contria Oy in its production management, fabrication planning and installation planning”