



Dear Construction Professional,

Gravicon Ltd is a construction consulting, IT and, consulting firm specializing in data modeling. We have been the BIM consultant for a number of demanding construction projects. We have gained experience from Finland's largest and most demanding projects, and we have developed the Modelspace program family for our clients to manage BIM projects and data management.

For us, the right practical solutions are brought forth by a spirit of innovation; customer orientation plays a key role in consulting and in our software product. In addition to projects, we help our clients to define the organization-level building information model and the aims to achieve them by systematic project management work equipment – the Modelspace software. If necessary, we consult about projects in their various stages, and also do a variety of customized training information modeling and, in 2012, were involved in developing the BIM Requirements and General Instructions for BIM Projects.

Building information modeling does not in itself change planning technology; project management also needs new modeling tools in order to realize all of its benefits. Let's work together to create successful and high-quality BIM projects.

Tomi Henttinen
Chief Innovation Officer

 **modelspace**
www.modelspace.fi

 **gravicon**
www.gravicon.fi

Gravicon Ltd
Tavaststjernankatu 13
00250 Helsinki
Finland

Anna-Riitta Kallinen, Key Account Manager, 040 7709799
Pauli Jantunen, Chief Executive Officer, 050 3833789
Tomi Henttinen, Development Manager, 0400 760660
firstname.lastname@gravicon.fi



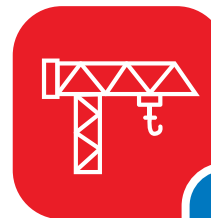
modelspace

Define - Lead - Maintain

SUCCESSFUL COMPLETION OF CONSTRUCTION PROJECTS AND HIGH-QUALITY MANAGEMENT

Construction projects and Building Information Modeling (BIM) achieve high-quality results within the three modules of Modelspace: Space, Project Management, and BIM Maintenance.

A Modelspace-software defined and managed project will achieve its objectives.



BIM





modelspace Space Management

Technical and functional requirements of the space

Space configuration management

- The Space module is the beginning of project management, gathering space requirements and documenting the project, as well as monitoring their implementation to be as smooth as possible.
- The latest information is always readily available and the change history is also available for review.
- Implement the space and room card. This information also serves as plan input data.
- Requirement management can also be done in different sectors of planning, engineering and design.

Intelligent space program

- You'll be able to implement the building information model and the space program quickly, and can compare the BIM and the space program directly with each other.
- The Building Information Model may be used as a foundation for creating the space program ie: as an inventory model.
- You can compare the effects of different space planning solutions.
- IFC format, coming from different programs, can be utilized in future BIM models for facility management.

Square-metre based cost management

- You will get continual BIM-based cost estimation on the basis square-metres directly to the project.
- You can generate a square-metre based cost for different types of facilities.
- In addition, there is an internal cost control, including the IFC model surface area comparison, cost development and planning implementation monitoring.



modelspace Project Management

Task definition and project management

Project Management

- Manage the project schedule, scope and cost. Modelspace is suitable for the project management of both new and renovation construction projects.
- Modelspace will help you set goals and tasks needed to meet the project deliverables.
- Real-time monitoring is possible.
- Project monitoring can also be applied to sub projects.

Task management

- You can create organization-specific processes and to-do lists.
- Project processes maintain a consistent quality, from one project to another.
- Document retrieval and effective implementation relates to the documentation tasks.
- Modelspace provides information about the project and the change history throughout the duration of the project.

BIM Projects

- You can create BIM project instructions, for instance, in accordance with the agreed General/ National BIM Requirements.
- Modelspace will help you set and achieve high quality goals for the most effective use of the building information model throughout its lifecycle.



modelspace BIM Maintenance

Maintenance of data models and service life cycle

Data quality assurance life cycle models

- The service can ensure the technical quality of the BIM throughout its life cycle.
- BIM usage possibilities can be clarified by baseline analysis.
- Start-up support ensures that the building information model includes all the necessary attachments and databases.
- Models are reviewed at agreed intervals, with the latest versions of software and operating systems.



modelspace Space Management

Using the Space module, you can manage facilities management, quality control and cost control.



modelspace Project Management

In particular, project management in the planning phase supports the achievement of key objectives.



modelspace BIM Maintenance

Make the most of your building information model in the long run by keeping it up-to-date.