

# Release Notes

Release notes (change log) of the production server deployment

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## Deployment on 03.02.2021

### [Major new features]

- #IFC Export of selected Objects by Filter (Export manager)
- #Custom color picker (Bimexplorer)
- #Possibility to define and add custom issue attributes (Property manager, Bimexplorer)
- #Model revision description (Bimexplorer, Portal)

### [Minor new features]

- # 34 minor bugs were fixed

## Deployment on 10.12.2020

### [Major new features]

- #Isolate views in own floating menu (Bimexplorer)
- #Sections floating menu with planes selection (Bimexplorer)
- #Measure functions + measure units as floating menu icons (Bimexplorer)
- #All models in topology sorted in alphabetical order
- #Free measurement extended with slope gradient value
- #Performance improvement: API call for large scale projects
- #Performance improvement: Significant improvement of Object navigator filter tree results

### [Minor new features]

- # 64 minor bugs were fixed

## Deployment on 21.10.2020

### [Major new features]

- # Unified Account management via Allplan Connect
- # Performance improvements in IFC Model import
- # Performance improvements when processing large data
- # BIMAR - Partner Application release - ordering from Bimplus Dashboard
- # Bimplus Explorer 3D View - Section Geometry processing improvements
- # 9 major bugs were fixed

### [Minor new features]

- # 18 minor bugs were fixed

## Deployment on 1.10.2020

### [Major new features]

- # BIMEXPLORER 3D Scene settings – setup background color and light conditions
- # Redesign of left and right panels action buttons (save, edit, publish etc.) – buttons are placed in top of the panels for ease of use
- # Object navigator WYSIWYG - Only models/objects currently activated in project navigation are visible in object navigator results
- # 9 major bugs were fixed

### [Minor new features]

- # Bugfixes for issue manager
- # Bugfixes display of center menu in Tablet
- # 12 minor bugs were fixed

## Deployment on 16.09.2020

### [Major new features]

- # Task navigator – new update including advanced task filtering and task publishing. Organize and manage tasks way you want.
- # Task filter – create task filters with powerful filter builder. You can filter by multiple criteria, with text and date range search.
- # Task publishing – each new task is considered as a draft and it is assigned only after publishing.]
- # Task Navigator in Allplan – new update which brings advanced task filtering, task publishing, BCF export/import to Allplan
- # Task Navigator in Revit Plugin – new update which brings advanced task filtering, task publishing, BCF export/import to Allplan
- # Multi-edit of tasks – now you can save time with bulk operations. Select multiple tasks and change their status, responsible or delete them.
- # Task table update – possibility to choose visible task columns, reorder task columns, task picture in table
- # Task viewers - you can invite project member as task viewer who can view/comment on the task, however is not responsible.
- # Remember last selected model in portal
- # Remember last selected project member in portal
- # Task scene switch – Possibility to switch between task scene and model scene
- # 11 major bugs were fixed

### [Minor new features]

- # Documents in demo projects bugfixing
- # 39 minor issues were fixed

## Deployment on 13.08.2020

### [Major new features]

- # Document management rights – possibility to set access to document folders per project member
- # Documents sharing – documents have now draft and shared mode. Only valid shared documents are accessible to all
- # Document versions sharing – decide which document version is shared with rest of the team
- # Document folder has properties
- # New Version of the Excel Plug-in
- # 15 major bugs were fixed

### [Minor new features]

- # Automatic notifications previews now shows only for the first time
- # Document folders tiles improved GUI
- # New array attribute – usage material thickens to composite wall as a set of values comping from IFC (IFCMaterialLayer)
- # 26 minor issues were fixed

#### Deployment on 04.06.2020

##### [Major new features]

- # New License policy released
- # Revision creation performance improvements
- # New Version of the Excel Plug-in
- # 12 major bugs were fixed

##### [Minor new features]

- # 16 minor issues were fixed

#### Deployment on 21.5.2020

##### [Major new features]

- # 2 major bugs were fixed

##### [Minor new features]

- # Pset ordering remembered
- # Delete project, model, document and user picture from project and team
- # 13 minor issues were fixed

#### Deployment on 4.5.2020

##### [Major new features]

- # Notification center – aggregated user friendly messages
- # Parallel pair of section planes – activate parallel sections in section settings
- # Rename document via context menu
- # Show documents sub folders in table view
- # Bim Explorer – load geometry via glTF (more info <https://en.wikipedia.org/wiki/GLTF>)
- # 6 major bugs were fixed

##### [Minor new features]

- # Waterfox Browser not supported anymore
- # support for Opera Browser added
- # Improvement of revision creation from portal
- # Multi model/Schedule manager App – updated context menu
- # 12 minor bugs were fixed

## Deployment on 15.4.2020

### [Major new features]

- # Open project in BIM Explorer from left panel – double click on project image loads project in BIM Explorer
- # Open document by double click
- # Clash detection with custom filter – create own clash filters using object attributes - see also What's New Page in Dashboard
- # Export to IFC available to all users
- # Change team name in account settings (account owner)
- # Display used storage in Project/Team on the dashboard
- # BIM Explorer help hint for 0 active models – activate model if there were no models
- # BIM Explorer help hint 0 models – if user has no models in project, he/she is informed where to upload models
- # New dialog for section settings
- # Flip section
- # Sketchup import - support for the latest Sketchup version
- # 16 major bugs were fixed

### [Minor new features]

- # Mailto links for emails in portal
- # Fix of incorrect views in slideshows
- # User properties displayed in others group
- # Improvements of Sketchup file import
- # Bugfixing move model
- # What's new increased size of font
- # Clean cache control
- # Section view performance
- # 22 minor bugs were fixed

## Deployment on 27.2.2020

### [Major new features]

- # Update of clash detection – run calculation for selected building topology
- # Folder navigation – navigate between documents like in windows explorer
- # Breadrums – dynamic breadcrumbs navigation on tablet/desktop in projects/models/documents/members
- # Visualisation of the cutting edge with colour for fills
- # 19 major bugs were fixed

### [Minor new features]

- # 12 minor bugs were fixed

## Deployment on 22.1.2020

### [Major new features]

- # Extended measuring – measure angles by 3 points
- # Progressive Web Application support – use Bimplus as standalone application on Desktop/Tablet
- # Revision icon reflects status of revision
- # 19 major bugs were fixed

### [Minor new features]

- #Support move view by middle mouse button / pressed wheel
- # 11 minor bugs were fixed

## Deployment on 14.1.2020

### [Major new features]

- # Responsive BIMPLUS design, better user experience on tablets
- # Updated dashboard with most important project information
- # Advanced free and angle measuring in BIMEXPLORER
- # Multiupload of documents/models to BIMPLUS
- # Project settings page with project properties template assignment
- # 19 major bugs were fixed
- # Breadcrumb navigation
- # Launch apps from BIMEXPLORER via burger menu

### [Minor new features]

- # 13 minor bugs were fixed

## Deployment on 10.10.2019

### [Major new features]

- # Bimplus Viewer Navigation Map
- # Performance - Model import improved up to 10%
- # LandXML import - error and report log
- # BCF collaboration improvements (clipping plane, sections)
- # "Gimbal lock" in Scene Object issue fixed
- # 9 major bugs were fixed

### [Minor new features]

- # 11 minor bugs were fixed

## Deployment on 09.07.2019

### [Major new features]

- # Optional scene loading
- # Modal dialogues handling via keyboard
- # Context menu improvements
- # 12 major bugs were fixed

### [Minor new features]

- # Object navigator UX – visual improvements to improve ease of use
- # Bug-fixes Revision Compare App
- # Bug-fixes Schedule Simulation
- # 9 minor bugs were fixed

## Deployment on 13.06.2019

### [Major new features]

- # Multi-select objects by filter criteria – Bulk selection of objects for Multimodel Manager and Schedule Simulation
- # Modal dialogues handling via keyboard
- # Context menu improvements
- # 17 major bugs were fixed

### [Minor new features]

- # Object navigator UX – visual improvements to improve ease of use
- # Bug-fixes Revision Compare App
- # Bug-fixes Schedule Simulation
- # 14 minor bugs were fixed

## Deployment on 07.03.2019

### [Major new features]

- # BCF 2.1 import/export support
- # Assign attributes also to child objects
- # Direct share link to exported IFC file
- # Imperial units support in Bimplus Explorer and related Apps
- # Bimplus Explorer renderer improvements (zooming, panning, opacity, transparency, object selection and their combinations)
- # Search support in Task Navigator
- # 11 major bugs were fixed

### [Minor new features]

- # 13 minor bugs were fixed

## Deployment on 06.02.2019

### [Major new features]

- # BCF 2.1 import
- # Revision comparison with Object Filter
- # Sorting Object Filter results according the Building Structure(Topology)
- # Export Tasks to Excel with direct Bimplus link
- # UI improvements
- # 19 major bugs were fixed

### [Minor new features]

- # 24 minor bugs were fixed

#### Deployment on 12.11.2018

##### [Major new features]

- # New Version of Revit Add-In, Excel Add-In and MS Project-Add-In with notification system for free download
- # Object Filter with Attribute values
- # Property manager improvements
- # New Country USA
- # Improved support for MS Edge Browser
- # Simplified invitation process
- # 14 major bugs were fixed

##### [Minor new features]

- # 17 minor bugs were fixed

#### Deployment on 19.09.2018

##### [Major new features]

- # New Version of Revit Add-In for free download
- # New fast searching inside Property manager
- # New "Contact us" Button worldwide
- # 3 major bugs were fixed

##### [Minor new features]

- # 4 minor bugs were fixed

#### Deployment on 14.09.2018

##### [Major new features]

- # New! BIMPLUS Dashboard page with Bimplus apps tutorials and videos
- # Project info page with project and tasks overview
- # Possibility to download MS Excel Add-in, MS Project Add-in , Bimplus Revit Add-in
- # Info panel within BIMPLUS Dashboard with latest news
- # 5 major bugs were fixed

##### [Minor new features]

- # 9 minor bugs were fixed

## Deployment on 26.07.2018

### [Major new features]

- # Accentuated the work in progress state for Model Import
- # Allplan Project Import show upload state in Portal
- # Enable login button when user enters new credentials after failed login
- # Improved colour picker handling
- # Improved filter handling - remember last user setting
- # Property manager - Content Attributes (Bimplus Database) ordered according Disciplines
- # Property manager - Attribute properties visible via Info button
- # Move model - Input the vector as numeric delta value
- # Fixed Issue with invitation of the new user into Project (Project membership and visibility)
- # IFC Export always according IFC Advanced Project Template to keep the Attribute Schema according © buildingSMART pSets definition
- # General MEP discipline divided to Heating, Cooling, Ventilation, Plumbing, Electrical, Sprinkler and MEP Common according the © buildingSMART element types assignment
- # 8 major bugs were fixed

### [Minor new features]

- # 7 minor bugs were fixed

## Deployment on 11.07.2018

### [Major new features]

- # New Version of MS Excel Plugin (fixed problem with localized list separator for drop downs)
- # New Version of MS Project Plugin
- # Authorization - fixed problem with invalid state after clear cache
- # Revision Comparison - performance improvement for loading revision objects up to 25%
- # Fixed wrong cache content problem for Clash Detection
- # 6 usability improvements based on the customer feedback were implemented (Property Manager, Export Manager, Task Manager )
- # 9 major bugs were fixed

### [Minor new features]

- # 14 minor bugs were fixed

## Deployment on 25.06.2018

### [Major new features]

- # General Performance improvement 20 %
- # Localisation Round Trip
- # Attributes description extend with Standard IFC Attribute
- # Imperial units considered for IFC import
- # 9 usability improvements based on the customer feedback were implemented (Object properties, Object Filter, Slide Show and Export Manager )
- # 13 major bugs were fixed

### [Minor new features]

- # 21 minor bugs were fixed

## Deployment on 09.05.2018

### [Major new features]

- # Performance improvement for Users, Teams and Projects overview up to 10 %
- # Localisation Round Trip
- # Terms and Conditions Update
- # BCF exchange format usability extensions
- # 14 usability improvements based on the customer feedback were implemented (Revision Comparison, Object Filter, Clash Detection and Schedule Viewer)
- # 9 major bugs were fixed

### [Minor new features]

- # 12 minor bugs were fixed

## Deployment on 11.4.2018

### [Major new features]

- # New Module Export Manager as free Trial
- # Performance improvement overall the whole Portal up to 12 % (ratio is increasing with Project complexity)
- # Downloadable full import log for IFC Import
- # Usability improvements - 10 usability improvements based on the customer feedback were implemented
- # Major bug fixing - 18 major bugs have been fixed

### [Minor new features]

- # Minor bug fixing - 7 minor bugs and problems have been fixed

## Deployment on 16.3.2018

### [Major new features]

- # Overall Performance improvement up to 10%
- # Security robustness improvements
- # Localisation round trip
- # Usability improvements - 11 usability improvements based on the customer feedback were implemented
- # Major bug fixing - 11 major bugs have been fixed

### [Minor new features]

- # Minor bug fixing - 9 minor bugs and problems have been fixed

## Deployment on 23.2.2018

### [Major new features]

- # Unified User Interface
- # New application Revision comparison (Trial)
- # New application Sequence manager (Trial)
- # Attribute sets for Reinforcement according IFC schema
- # New iOS version on App Store
- # New Bimplus Excel Add-In Version 1.0.26 on Allplan Shop
- # Extended API documentation
- # Usability improvements - 16 usability improvements based on the customer feedback were implemented
- # Major bug fixing - 11 major bugs have been fixed
- # Minor bug fixing - 9 minor bugs have been fixed

### [Minor new features]

- # Minor bug fixing - 8 minor bugs and problems have been fixed

## Deployment on 7.2.2018

### [Major new features]

- # New design in Bimplus Portal
- # New version of the Excel Plugin on Shop (1.0.25)
- # Extended Document filtering
- # iPad Application UX improvements
- # Usability improvements - 12 usability improvements based on the customer feedback were implemented
- # Major bug fixing - 13 major bugs and problems have been fixed

### [Minor new features]

- # Minor bug fixing - 12 minor bugs and problems have been fixed

## Deployment on 11.1.2018

### [Major new features]

- # Email notification according to the preferred language settings
- # Improved performance for Allplan Export (together with Allplan 2018-0-3)
- # IFCMaterialLayer implementation for multilayer elements (Import and Export)
- # Tasks filtering according to Attributes
- # Extended API documentation
- # Colour picker transparency slider
- # Colour picker settings persistence
- # Buildup ([www.buildup.ch](http://www.buildup.ch)) integration for Element Properties
- # Usability improvements - 8 usability improvements based on the customer feedback were implemented
- # Major bug fixing - 10 major bugs have been fixed

### [Minor new features]

- # Minor bug fixing - 20 minor bugs and problems have been fixed

## Deployment on 19.12. 2017

### [Major new features]

- # IFC export performance improvement up to 80% (ratio is increasing with the model size)
- # Improved cache handling for object attributes
- # Multiple BCF download (by filter criteria)
- # Units added for object attributes
- # Colour picker for models and layers
- # Slides show - slides order analogue to Power Point
- # Localisation round trip
- # Centre menu adoptions for mobile devices
- # Filtering for Projects, Models and Documents
- # Performance improvements for Task up to 30% (ratio is increasing with scene complexity)
- # Major bug fixing - 14 Major Bugs concerning stability have been fixed

### [Minor new features]

- # Minor Bug fixing - 16 minor bugs improving usability have been fixed

## Deployment on 30.11. 2017

### [Major new features]

- # Distance dependent Zoom speed
- # Attributes handling - performance
- # New version of the Excel Plugin on Shop (1.0.24)
- # Tasks management - performance improvements when model updated or revision created
- # 12 usability and performance improvements based on customers feedback
- # 16 Bugs fixed

### [Minor new features]

- # Minor bugfixing -11 minor bugs and problems have been fixed

## Deployment on 14.11. 2017

### [Major new features]

- # Object Detail Menu and Attribute Edit Mode – empty Object Attributes are now hidden and only visible if the new Attribute Edit Button is activated.
- # Multi model upload with extended transfer progress notifications – Allows now the selection and the upload of multiple models
- # Extended Team Management Module – The new extension now allows the Team Owner and the Administrator to manage subscriptions in a central location.
- # Direct Connection to Allplan Store
- # Large number of improvements in terms of efficiency, performance and customer comfort.
- # Improved Touch Mode and optimized usability of the Bimplus App on iOS
- # Support for Microsoft Edge Browser
- # Extended Manual for Bimplus
- # Performance Improvements when panning and zooming into the active object
- # Object Navigator and Custom Filter functionality – The custom filter was also optimized. The filter criteria can now be assembled additionally from the properties of a selected object.
- # Attribute names and the description of Attributes was translated into 8 languages
- # Property Manager – Improvements in usability and performance
- # IFC4 extensions - the IFC4 Interface has been extended to reinforcement bars and meshes
- # Sketchup Interface – the import of Sketchup models retains the original colors of the native objects
- # Security – from now on, the access to the Bimplus platform is only possible for authorized applications
- # New WEB SDK with extended documentation published on Github <https://github.com/bimplus-admin/bimplus-websdk>
- # Major bugfixing - 17 major bugs in Model upload, 3D Navigator and Virtual Reality App have been fixed

### [Minor new features]

- # Minor bugfixing - 44 minor bugs and problems have been fixed

## Deployment on 20.07. 2017

### [Major new features]

- # New iOS version released
- # New predefined Property sets for Attributes
- # Performance improvements for huge models up to 20% (depends on model structure)
- # Lower memory consumption up to 20%
- # Project Invitations with user defined message
- # Structure Manager performance improvements up to 50%
- # Consider language for the attribute filter
- # Unified Models and Models Topology order
- # Create custom filter via object attributes
- # Search inside Task filter
- # Add another isolation mode which hides all other objects
- # Major bugfixing

### [Minor new features]

- # Minor bugfixing

## Deployment on 29.06.2017

### [Major new features]

- # New Task filter - possibility to filter Tasks and to work without Grid. Especially important for mobile devices.
- # Major adoptions for mobile devices and iOS devices
- # Performance improvements for huge models
- # Improvements in properties manager and properties sets
- # Improved update of the object property sets after change
- # New default Property sets for Attributes
- # Public Documentation improved and updated
- # Improved cache handling
- # Major bugfixing

### [Minor new features]

- # Minor bugfixing

## Deployment on 05.06.2017

### [Major new features]

- # New Portal and Project management desktop/tablet
- # View Projects on map and in table
- # Project properties editing and filtering
- # Model properties editing and filtering
- # Documents properties editing, filtering and revisions
- # Team members administration for account owner
- # New Properties (attributes) manager for any object type (Project, Model, Document, Building object etc.) as Beta Version
- # Property sets for any object type (Project, Model, Document, Building object etc.) as Beta Version
- # New object Navigator with filtering
- # Significant performance improvements in model upload and model import
- # Significant performance improvements in model loading
- # Performance improvements in Document and Attachments handling
- # Structure manager as Beta Version
- # IFC 4.0 Export as Beta Version
- # Handling of outfield models in viewer
- # Update of Bimplus iOS App
- # New instruction videos
- # Major bugfixing

### [Minor new features]

- # Highlight selected object structure in BIM Explorer
- # Minor bugfixing

## Deployment on 12.12.2016

### [Major new features]

- # Sections - easier handling of section planes.
- # Measuring guideline - measurement is now with guideline and all measurements visible by default.
- # Sort projects - sort projects alphabetically, date created or modified.
- # Free attributes editable in Bimplus Portal and Excel Plugin.
- # Allplan Export IFC element types support.
- # IFC import improvements and bugfixing.
- # Allplan export improvement and bugfixing.

### [Minor new features]

- # Improved user menu design.
- # Bugfixing of BIM viewer center menu buttons.

## Deployment on 21.09.2016

### [Major new features]

- # Taskboard - create BCF compatible task with one click including multi object selection.
- # Allplan Taskboard - Improved GUI of Allplan Taskboard.
- # New Sections - Enhanced sections allow you to create any desired section plane and select objects in cutted plane.
- # Mobile web browser support - use Bimplus in field on your iPad or Android tablet.
- # Multi object preview - select more objects from scene and preview their properties one by one.
- # Switch to touch - use touch on your touch enabled laptop.
- # Clashes - new filters
- # BIF extensions (any CPU, Revisions etc.)
- # Major & Minor bug fixing

### [Minor new features]

- # Improved colors of text in task details for better usability
- # New transparent Rights&Roles system for Bimplus Project and Tasks on server/client
- # Visual improvement of topology and object properties panel
- # Project editor can upload models and can see project members
- # Bugfixes of clash detection scene/model
- # Better responsiveness of bim viewer left and right panel
- # Public documentation extended

#### Deployment on 28.07.2016

##### [Minor new features]

- # Show progress bar during large revision creation
- # Show progress bar while is model upload being finished on server
- # Multilingual support of emails

#### Deployment on 02.06.2016

##### [Major new features]

- # Login to Bimplus with Allplan Connect account
- # New languages Italian, Spanish, Czech, Turkish
- # Welcome screen tutorial

##### [Minor new features]

- # Setup welcome screen in account settings
- # Bugfix clash manager incorrect tollerances setting
- # Bugfix clash manager incorrect calculation Window/Door
- # Bugfix MAC OS Safari, incorrect header in webviewer

#### Deployment on 18.05.2016

##### [Major new features]

- # Webviewer quick zooming to object hold shift + mouse scroll wheel
- # Project editor can create and upload models!
- # Fast loading of large models by object decimation
- # Tasks export/import to BCF, export tasks to excel (Allplan)

##### [Minor new features]

- # Bugfixing new slideshow manager
- # Bugfixing Allplan taskboard (sorting, dates format, selection of tasks...)
- # Fixed add spot not possible

#### Deployment on 28.04.2016

##### [Major new features]

- # Modernized slideshows manager
- # New support link for ticket support
- # Performance - Issues, Issues List, Attachments etc.
- # IFC import improvements and bugfixing

##### [Minor new features]

- # SignalR improvements
- # Element Decimation part I
- # Fixed email format bug

## Deployment on 07.04.2016

### [Major new features]

- # Clashes as free Beta trial for all users
- # Overall performance - Dynamic compression and streaming supported on the server - significant performance improvement during loading
- # Quick zoom to object by double click
- # Support of Russian language
- # Release notes notification
- # Bug fixing

### [Minor new features]

- # Link to shop
- # Minimalists header - less vertical space occupied
- # Cursor focus in first input field of forms
- # Reduction of extra columns in task table

## Deployment on 10.03.2016

- # Server internal Issues (performance, server build, server maintenance, monitoring etc.)
- # First IFC4 Export prototype based on the Allplan Framework (solution towards "one IFC for all Allplan products")
- # Minor BCF bugfixing and adoptions
- # Processes status improved (model import, clash detection)
- # Terms and Conditions
- # Third part support (Teams managed externally etc.)
- # Improved design (Icons, Layout)
- # Info about browser and system requirements
- # Portal plugin improvements for Allplan 2017 WIP - Task Board
- # Other major and minor bugfixing (Portal page, model import, BCF etc.)

## Deployment on 11.02.2016

### Maintenance release - bugfixes:

(more than 200 bugs fixed, below are only main)

- # Fixed google chrome problem - not possible to select object!
- # Support of IFC4 import!
- # Removed error message if user clicked on object which is in older revision
- # Improved performance - loading speed of issues and comments
- # Improved performance - faster loading of project members list and getting user info
- # Improved performance - faster object loading
- # Fixed logout
- # Fixed add pin cursor image on IE
- # Fixed PRIORITY option translations in issues
- # Adjust view to visible models
- # Removed wrong viewbox initialization
- # Switch off browser level caching of API calls
- # Center model via bounding sphere + switch of fly-to-animation because of malfunction
- # Store minimal viewbox for scene without geometry
- # Show divisions + topology tree despite no disciplines in project (No elements)
- # Set dimension line symbols initially invisible
- # Multiselection improvements
- # Fixed layers visibility when different revision are present and when switching between issues
- # Fixed missing tooltip in object properties
- # Added gray background to right menu panel
- # Fixed missing transparency when model state was restored
- # Fixed object properties title # Fixed scene setup if issue is active
- # Dispose pins instead of showing project pins
- # Adjust viewbox only if issue properties are invisible
- # Hide and reset issue grid when user navigates out from viewer
- # Fixed hiding issues grid when object is selected
- # Don't adjust viewport after switching off the last model
- # Reset pin selection before creating new issue
- # Fixed showing all project pins after topic was deleted + fixed showing pins from previous topic when currently selected topic was previously imported from BCF
- # Fixed selection of single pin in an issue right panel # Refactored notification service - using much less client/server resources

## Deployment on 14.12.2015

1. Search issues, documents, models & members
2. Inline editing of model name
3. Updated breadcrumb with link to manage project from BIM Viewer
4. Link to connect. forum from user menu
5. Link to help from user menu (doc.bimplus.net)
6. Updated create model button and tooltip instead inline text
7. Enabling gzip to save traffic and improve page loading performance
8. Zooming on spots possible
9. New cache system (automatically visible changes after new release)
10. Fixed due date selection in every system locale (language format)

## Deployment on 19.11.2015

1. Completely new stable issue (topics) list
2. Show current status of model processing (reliable statuses during upload/processing)
3. Dynamic centre of model rotation
4. Delete single measurement
5. Show measurement labels only on hover of dimension line
6. Export all project issues (topics) to excel
7. Removed notifications for issues created by me
8. 30+ bugfixes

#### Deployment on 03.11.2015

1. Export single issue to BCF file
2. Download or share exported BCF
3. New public download page for BCF (like Dropbox)
4. Bugfixing of property manager (attributes manager)

#### Deployment on 31.03.2015

1. Stability of the Web Explorer has been improved by the implementation of Application cache (It means the end user will not have any more problem with the caching as the client-code source files will be updated on every deployment)
2. Web Explorer & the API supports BCF\_Topics\_Update with BCF Import.
3. The object selection speed has been improved in the Web Explorer.
4. The performance of the Object Navigator has been improved in the Web Explorer.
5. Web Explorer's center pane "Transparency" functionality has been replaced with "Hide"
6. Revision loading performance has been improved in the Web Explorer.
7. Some critical bugs fixed (such as limitation on number of points on Polygon in a model, UX issues etc)

#### Deployment on 05.03.2015

1. iPad version for loading mega models has been submitted to the app store
2. The first version of the "Object Navigator"(filter for objects) is released.
  - i. Pre-defined filters which works in a combination with model layers.
  - ii. Filtering and object grouping performed over the visible set of objects configured via the model topology(tree)
  - iii. Easy to use color picker for displaying different group of objects filtered via the Object Navigator with different color.
3. Revisions for storing and viewing the different state of the model
  - i. Allowance to create or replace an existing version
  - ii. Select and view a particular revision of the model
  - iii. Download the latest revision
4. Importing topics to Bimplus via BCF file
  - i. Topics and spots are created out of the BCF file
  - ii. All the features available to the topics created via web explorer are available to the imported BCF topics as well
5. Restructured the model and layer such that it is clear for the user. Now the user can make the complete model visible or invisible.
6. Ability to select multiple objects at the same time and work with it.
7. No automatic first model load during the loading of the web explorer. This is to allow the user to select the model that he would like to view.

#### Deployment on 15.01.2015

1. The mega model loading speed of iPad Explorer has been improved by a big factor.
2. Web Explorer now runs quite smoothly with all the features in IE 11. Also, the mega models now load quite quickly in IE 11.
3. Model loading problem in Safari fixed.
4. Loading of models whose import is not finished was causing troubles. This is now fixed.
5. Ability to simultaneously import/upload multiple models in a project.
6. Some more properties are now included during IFC import.
7. General performance improvement during first time model loading (client irrespective)
8. Other critical internal bug fixes.

