

## Jedox 7 – What's New

Take simplified planning to the next level



Build powerful enterprise-grade planning solutions and engage your users across the organization with Jedox 7 and brand-new Jedox Models.



# 1. Kickstart

Jedox 7 is a true game-changer: we have distilled the essence of our unified Enterprise Planning and BI platform and created preconfigured business content to support Jedox users with rapid-fire success.

Profit & Loss, Sales Planning, Cost Planning, and HR Planning are the first four of several new Jedox Models that are going to change our definition of “self-service”.

## Jedox Models - Planning Made Simple

Jedox Models are prebuilt components for building integrated planning, analysis and reporting processes. Instead of designing individual planning modules from scratch and trying to link them together, you simply configure them to suit your business requirements. This reduces risk and saves precious time implementing planning solutions. Jedox Models combine decades of hands-on project experience and best practices with state-of-the-art technology.

Jedox 7 comes with four out-of-the-box models (more models coming soon) including databases, reports and input screens, business logic and workflow as well as pre-defined Integrator procedures and other features such as currency conversion. Models can be configured using simple templates and the new smart interfaces in Jedox 7 (see p. 6).

### Profit & Loss Model:

Forget error-prone spreadsheets and time-consuming manual reporting processes: Jedox Profit & Loss shows your current financial situation at any time and provides a solid foundation for decision-making and corrective actions. Harmonize current P&L statements with previous versions as the basis for P&L planning. Identify the effects of business strategies at an early stage and react in a timely manner. Publish data input screens to streamline the collection of budget data via the Web or a mobile device. To further simplify budgeting and forecasting, you can deploy this model using your last mid-term plan, budget or forecast.

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### Cost Center Model:

The Jedox Cost Center model simplifies the entire planning process. Planners enter their data in a Web-based screen and can view relevant information for their roles at any time. Jedox Cost Center has a familiar Excel-like user interface that is backed by a powerful database. This ensures consistent numbers, strong acceptance and optimal collaboration among finance, HR, administration, marketing, logistics and other teams. The model comes with sample cost center and cost type structures that you can adapt to your company's needs with just a few clicks.

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### Sales Model:

The Jedox Sales model delivers the information you need to understand your customers and sell more effectively. You'll gain a complete view of your current performance and new insights to drive sales across the organization. Jedox simplifies the way you plan, analyze and report sales data to create a complete, 360-degree view of your sales activities. Use its built-in capabilities to collect budget data through intuitive data entry screens and compare planned performance to actual sales. Test multiple scenarios to respond quickly and effectively to today's dynamic markets.

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### HR Model:

Jedox HR provides the kick-start you need to optimize your workforce structures, costs and productivity. It professionalizes your personnel planning by safeguarding sensitive data, automating manual processes, and tracking the multiple budget versions along the way. You'll gain a clear view of your workforce – across the enterprise and down to the details – while saving a great deal of time and money in the process. The Jedox HR model helps you plan the requirements of today's dynamic work world so your company can focus on the goals ahead.

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▶ **Fast project implementation:**

Why build reports or planning models from scratch? Kick start your project with Jedox Models.

▶ **Be flexible:**

Adapt the planning model to your company and its changing requirements.

▶ **More accurate planning through better collaboration:**

Jedox Models help you work more effectively with planners in Sales, HR and Logistics. You profit from more accurate results.

▶ **Simplify planning:**

Preconfigured reports, workflows and business rules save valuable time throughout the planning process.

▶ **Avoid beginner's mistakes and set your sights on scalability:**

Avoid time-consuming loops. Jedox Models use tried-and-tested modelling techniques to ensure fast results. You can add and integrate further modules to easily grow your planning application.

▶ **Self-service solution:**

Use your existing Excel skills and the intuitive Jedox Web interface to flexibly adjust the planning application on your own. No programming, external consultants, or IT specialists are necessary.

▶ **Reduce project risk with reliable models:**

Jedox models utilize trusted industry methods for planning P&L, Cost Center, Sales, and Human Resources. This helps ensure your planning project is a success.

▶ **Well-founded decisions and optimized performance management:**

Make informed business decisions and drive business performance with a better understanding of risks and opportunities.

## Jedox Marketplace – Your “One-Stop-Planning-Shop”

The brand-new Jedox Marketplace in Jedox 7 houses our new application models that offer a fast and easy start for your planning applications. In the Jedox Marketplace you find business content that you can install and open directly within your Jedox system.

If you are new to Jedox, you will benefit from an optimized on-boarding experience: You can not only install our models (P&L, Cost Center, HR, Sales) at the push of a button - you will also be able to access sample dashboards and demo data.

When you open a model you go directly to the “Reports” section and can browse and select the reports available. The Jedox Marketplace is also where power users can comfortably update their Jedox system and stay informed about new models built by Jedox and our partner ecosystem (upcoming feature).



**Figure 1: Jedox Marketplace**  
The fast and easy start for your planning application

## Get started now:

Jedox Models are a simple, low-risk way to kick-start your planning project. Best of all, you can simplify your planning with Jedox with no additional costs:

1

You don't already use Jedox?  
Start your Jedox trial  
(cloud or download).

2

Open Jedox Web and load the  
Jedox model of your choice to  
your installation under “Jedox  
Marketplace” – at no cost or  
further obligation.

3

Configure the model to your  
business needs. Visit the Jedox  
Knowledge Base for detailed  
instructions and tips.

## 2. Build



Jedox 7 comes with smart modeling tools that bring first-time Jedox users quickly up to speed and help them build their first planning model. Advanced Jedox users and experienced modelers who are creating their own powerful planning solutions benefit from more flexibility and intelligence in Jedox 7.

## Re-engineered Jedox Modeler

The Jedox Modeler, the heart of the Jedox planning platform, has been completely redesigned for both the Jedox Excel add-in and the Jedox Web application. Solution builders now benefit from a unified and seamless user experience using Jedox in Excel and via the Web.

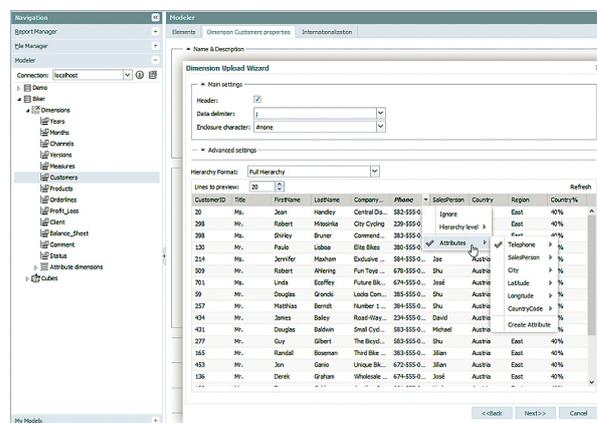
Furthermore, the Jedox Modeler has been enhanced with additional functionality to build planning, analysis and reporting solutions for global business.

## Accelerate Solution Building for First-Time Users:

Work smarter and faster with new templates, workflows and mapping functionality. Together with Jedox data-driven modeling technology, these new tools help you quickly build your first planning model.

### Smart Interfaces:

Bringing data intelligence into your start with Jedox: The new “Smart Interfaces” feature in Jedox Web allows you to upload data from an MS Excel, WSS or CSV file and intelligently map it to the dimensions of your data cube. Intuitive Jedox wizards guide you through the steps and help you convert your two-dimensional data set into the OLAP dimension or multidimensional cube it is supposed to be. Another option is to export an interface template and populate it with your data. New Jedox users benefit from a smooth start with “Smart Interfaces” and experienced users can reduce the time needed to upload and convert their data.



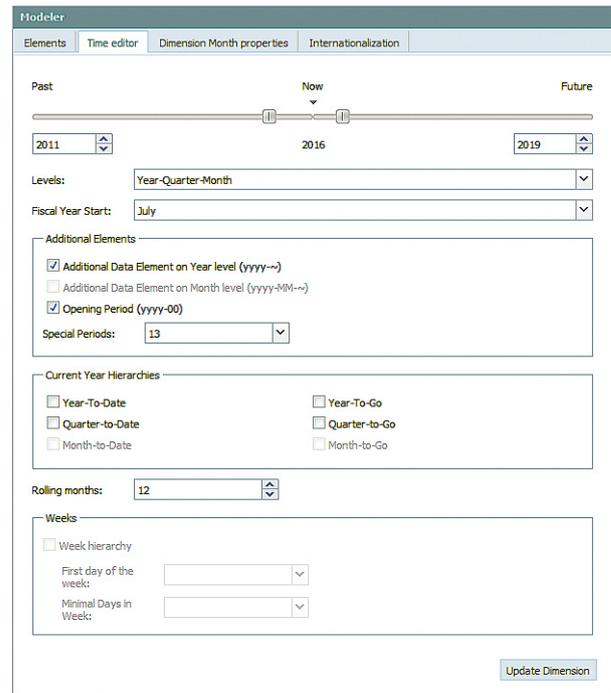
**Figure 2: Smart Interfaces in Jedox 7**  
Convert your two-dimensional data set into a multidimensional cube with the intuitive wizard.

## Powerful Modeling Tools for Advanced Users:

The new Jedox 7 platform offers greater flexibility and controls to adapt your data models to keep up with changing business requirements. Advanced business logic and automation enable power users to build smarter applications in less time.

### ➤ New Time Editor:

Time is fluid – and every organization has specific time periods that define their business, e.g. the start of the fiscal year or special time requirements where 13 equal periods make up the full year. Jedox 7 makes it easier to create those custom time dimensions with an intuitive, yet powerful new user interface for editing time dimensions. Instead of using Jedox Integrator functionality for creating calendar extracts, Jedox application developers now work in a straightforward user interface that gives them maximum flexibility.



**Figure 3: New time editor**  
Jedox 7 makes it easier to create and edit custom time dimensions

### ➤ Localization for Global Planning Processes

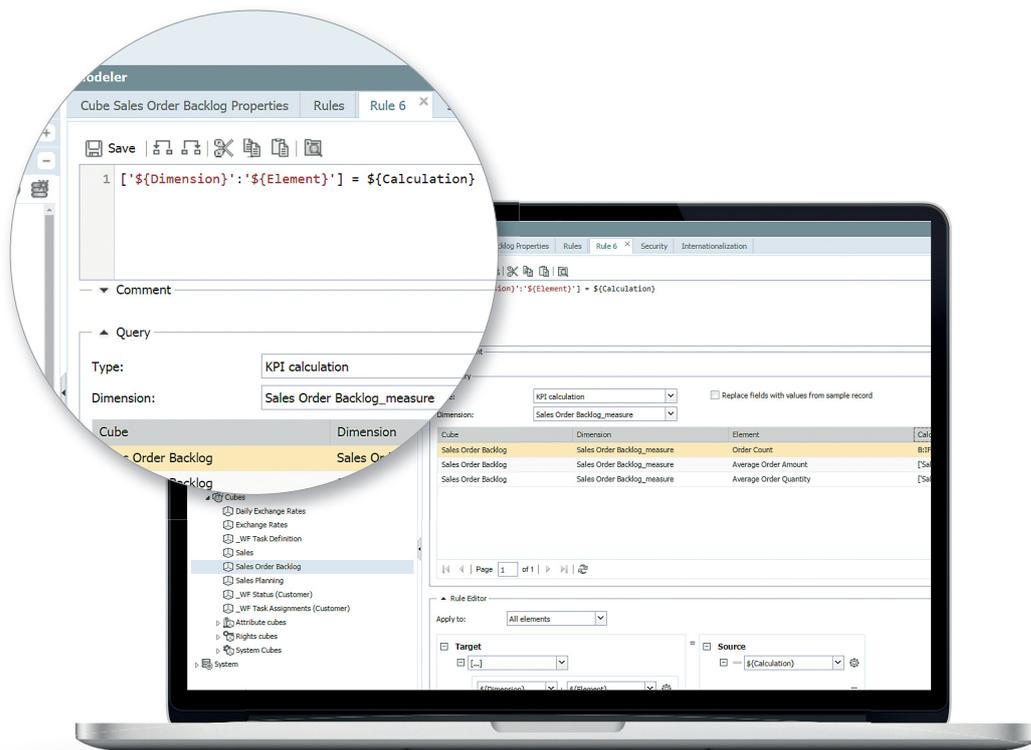
Enterprises with global operations and numerous international offices are often confronted with complex budgeting processes due to different cost center structures and the many different stakeholders who are often involved. Jedox not only simplifies those global business processes with a web-based planning engine that eliminates spreadsheet chaos - Jedox 7 also reduces possible language barriers with intelligent internationalization options. Users can centrally specify multiple languages and this automatically creates corresponding local language attributes for dimensions, measures and reports. Think global and act local – with Jedox 7.

## ➤ Advanced Enterprise Security

The updated Jedox Modeler comes with new functionality that makes it easier for system administrators to define access rights for user groups on database and cube objects. This allows admins to quickly review and edit permissions for each group to ensure compliance with corporate policies. Jedox 7 provides a user interface to manage highly granular security settings across all database objects. Administrators control the granular data security model and manage users, groups and roles in an easy to use interface, so a Cost Center Manager for example will only see his or her team's individual salaries.

## ➤ Powerful Rule Editor in Jedox 7

Another feature of the new Jedox Modeler is the Advanced Rule Editor, which provides powerful functionality for creating and editing OLAP rules. Power users not only benefit from a unified experience in Excel and Jedox Web when creating rules, but can get their work done faster with the help of new rule templates: instead of having to write individual rules over and over again, you can now access a library of rule templates for common calculations, define parameters and apply multiple rules with the click of a button. With Jedox 7, application developers can automate the creation of rules and save valuable time in the process.



**Figure 4: Advanced Rule Editor**

Apply multiple rules with the click of a button and save time when building your planning application

## ➤ New Database Scripts

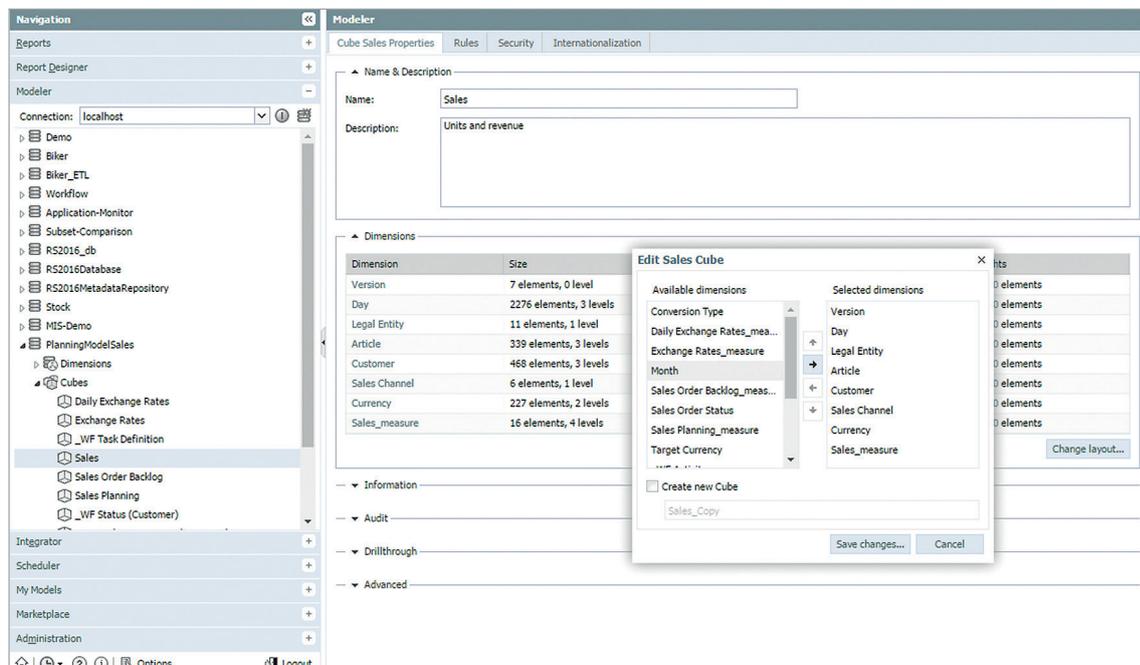
For application developers who want to dive deep into the Jedox system, Jedox 7 offers its own simple, human-readable database scripts to speed up and automate tasks such as database updates and data retrieval. The new Jedox script helps you to describe a multidimensional Jedox model with an easy to comprehend syntax. Jedox updates the script dynamically, so you only have to set it up once.

## ➤ Flexible Jedox Cubes for Agile Organizations

With Jedox 7, the structure of a cube is now flexible and can be changed after the cube has been created, or filled, without losing any data or impacting existing reports. Cube dimensions can be easily added, removed, or reordered with the help of default elements. All Jedox Models benefit from this functionality: OLAP formulas and corresponding reports stay functional thanks to this new, out-of-the-box flexibility - even if the underlying model changes.

## ➤ Finding the Difference Between 0 and “Null”

One might easily assume that zero equals nothing. However, in some planning scenarios, storing a 0 as a value can be required. For example, it may be necessary to plan “0” sales for a new product in the first months after its introduction. This should not be read as an empty cell, where the user has simply not filled in the planned value yet. With Jedox 7, users can clearly differentiate between true “0” values and empty cells. Storing zero values can be turned on and off for each cube, in the cube properties within the Jedox Modeler (by default, the option is turned off to save space in the database).



**Figure 5: Flexible planning cubes for agile organizations**

OLAP formulas and corresponding reports stay functional thanks to this new, out-of-the-box flexibility - even if the underlying model changes

# 3. Visualize & Report



Jedox 7 does not just give you advanced corporate performance management capabilities to streamline planning, budgeting and forecasting processes across the organization. The Jedox R&D team has also worked hard to give you the best reporting and data visualization experience Jedox has ever seen. Create impactful reports and dashboards on every device that delight your users and benefit from new design capabilities and report styling for corporate standards.

## ➤ New Reporting Stylesheet

Reports are an important asset for every organization and ideally they are integrated in the overall corporate communication. Well-designed reports that follow your corporate design standards support a professional approach and help your organization stay ahead of your competition.

With the new report stylesheets in Jedox 7, you can define report designs and cell styles for multiple workbooks with a central, easy-to-use template.

This enables you to easily adapt your reports to your corporate standards. Use the report designer in Jedox Web or the Excel Add-in and set cell styles - your color, font type and -size, layout, and many more design options. Simply work on the single central report stylesheet and all reports linked to this report are updated accordingly. With Jedox 7, your team can adjust reports and dashboards independently without IT or external consultants. You stay in control.

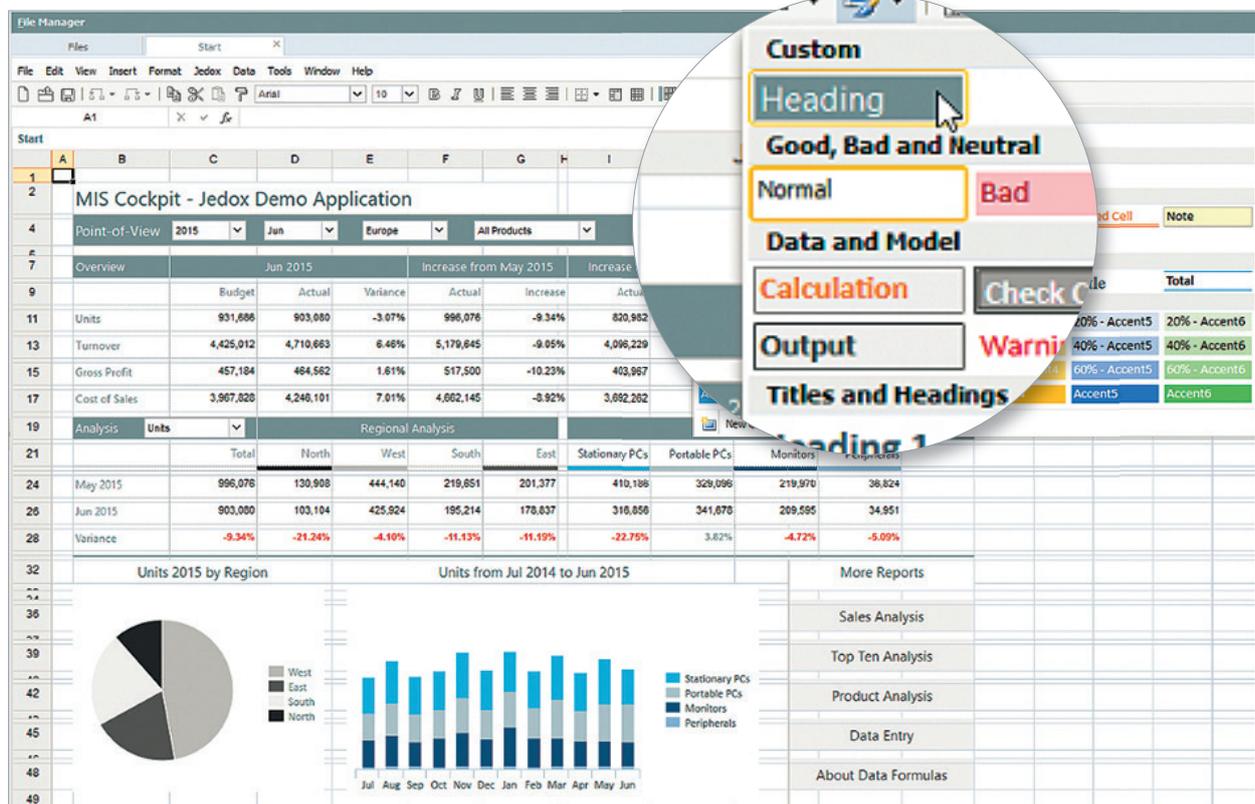
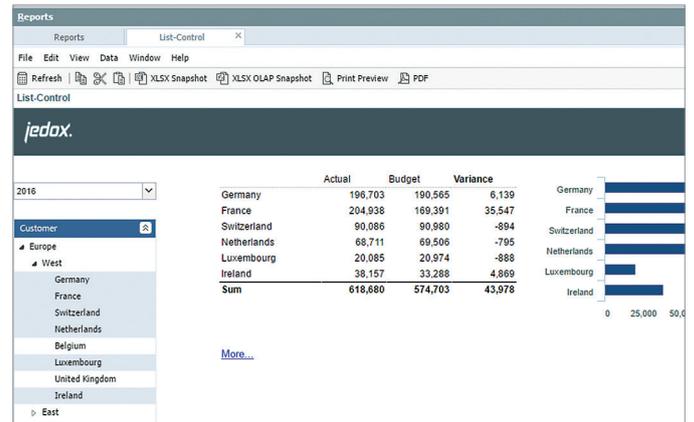


Figure 6: Easy to use report designer

Use the report designer in Jedox Web or the Excel Add-in and set cell styles - your color, font type and -size, layout, and much more

## ➤ Dynamic Reports With Multi-Select Capability

Jedox 7 offers improved usability with multi-select functionality to maximize user adoption. Create dynamic Jedox reports with the new “List” control: Lists are similar to ComboBoxes in that they can be sourced by a formula, a subset or ODBC data. However, the list control also optionally allows selection of multiple items, which are then returned in an array. Small but powerful tool to simplify report creation for application designers.



**Figure 7: New list control in Jedox 7**  
Improved usability for application designers

## ➤ Stunning Dashboards that Delight Business Users

Jedox 7 is all about making the start of your planning project as easy and risk-free as possible. This is why our new Jedox models for Profit & Loss, Cost Center, Sales, and Human Resources will come with sample dashboards including drill-down analysis and state-of-the-art visualizations. You can use this demo content to flexibly adapt the dashboards to your business requirements. Additionally, Jedox 7 gives you a combined demo dashboard to manage key performance indicators for integrated planning. Aligning planning metrics from the business departments into one unified, high-level view has never been easier.

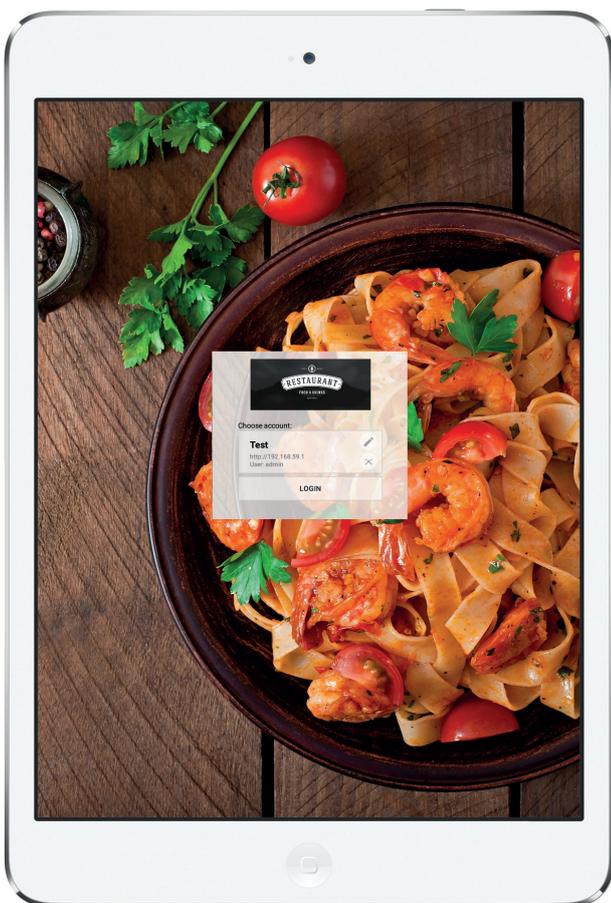


**Figure 8: Stunning demo dashboards**  
New sample dashboards including drill-down analysis and state-of-the-art visualizations

## 4. Engage



Jedox 7 offers planners across the organization an enjoyable user experience from desktop to web to mobile. A newly designed mobile touch interface maximizes user adoption and business users can leverage their Excel skills to design and deploy custom mobile intelligence over secure, consistent and structured data.



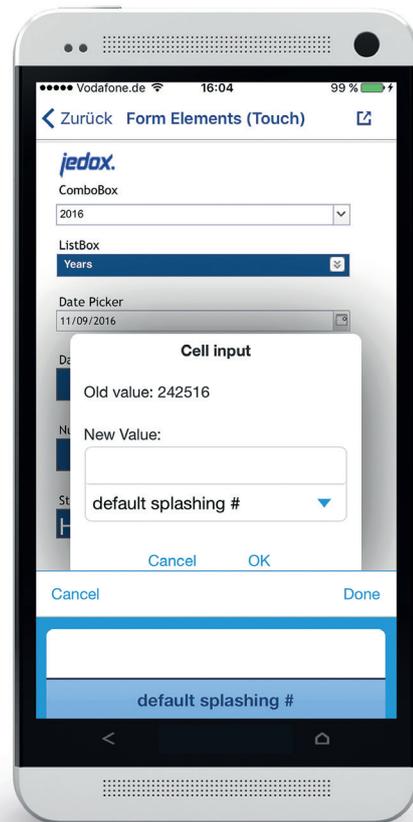
### ➤ Customize Your Planning App

Imagine the mobile app you are using to plan your budget data and update your reports looks like it has been tailor-made for your organization. A customized login screen with personalized greeting, your company logo, a background screen that shows your company or product portfolio, color scheme and font, which perfectly match your corporate design? No need to hire an app developer! Jedox 7 gives you full creative control over your mobile app. Apply your corporate design with just a few clicks and excite Jedox users across your organization.

**Figure 9: Customize your planning app**  
Jedox 7 gives you full create control over your mobile app

## Plan Anywhere

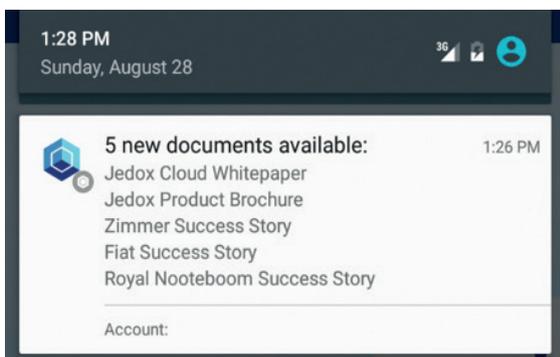
We know that business usually doesn't stop at your office door: With Jedox Mobile's write-back capabilities, you can access full-fledged forecasting and budgeting anywhere. The Jedox 7 app makes planning on the go more intuitive with a new touch-optimized splashing wizard. Enter your plan data on your smartphone or tablet, update your forecast report and react to changing market requirements instantly. The optimized, responsive touch selection makes it easier to navigate through your reports. Jedox 7 transforms your smartphone and tablet into full-featured working instruments for your planning and reporting tasks.



**Figure 10: Touch-optimized splashing wizard**  
Enter plan data and update your forecast reports on your smartphone and tablet

## Access Your Reports and Documents Even When Offline

With Jedox 7, business users can store content offline and access their favorite reports in seconds. Even in situations when you need to be offline, e.g. when on business travel, you can still access important business-related content. Jedox automatically synchronizes your mobile app with the current status of your Jedox documents, such as PDF reports or other content, and sends you a notification. From a corporate governance perspective, Jedox supports your mobile needs. You can control whether users may store offline content, and all local data is stored with highly secure encryption technology to ensure that your data is always safe, on any device.



**Figure 11: Automated synchronization of your content**  
Store content offline and access your favorite reports in seconds with the mobile app in Jedox 7

# 5. Enterprise & Cloud



Jedox is a market leader in query performance. Through further enhancements to its innovative GPU technology, Jedox 7 can deliver even greater levels of performance for large and complex planning models. Larger implementations now also benefit from improved data governance and security to meet the highest standards – in the Cloud and on-premises.

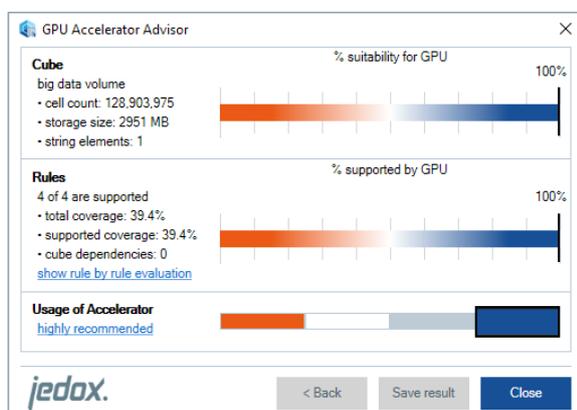
## ➤ Boost Your Performance With Enhanced GPU Technology

Organizations need to convert data into information – fast. Jedox recognized the importance of performance at an early stage, which is why a multi-dimensional, in-memory OLAP server is at the core of our planning and BI solutions. However, with the innovative GPU (Graphics Processing Units) technology, we go a step further: GPUs are co-processors originally developed for video processing, but which can be intelligently programmed to make them usable for processor-intensive business applications.

Jedox has been the first BI and CPM provider that tapped into the power of GPU technology to accelerate complex multidimensional computing tasks. With Jedox 7, more users can take advantage of the Jedox GPU Accelerator.

## ➤ How Fast Can We Go? – Jedox GPU Accelerator Advisor

The new GPU Accelerator Advisor in Jedox 7 helps you to identify existing models that can benefit from our GPU technology. The result of the check is a usage recommendation level that reflects the expected speedup potential on the specified cube. Along with this result the graphical overview displays the most important cube features that were taken into account for the evaluation, as well as their respective values. Check compatibility with the click of a button and get your risk-free assessment of how Jedox GPU can boost your performance.



**Figure 12: New GPU Accelerator Advisor in Jedox 7**

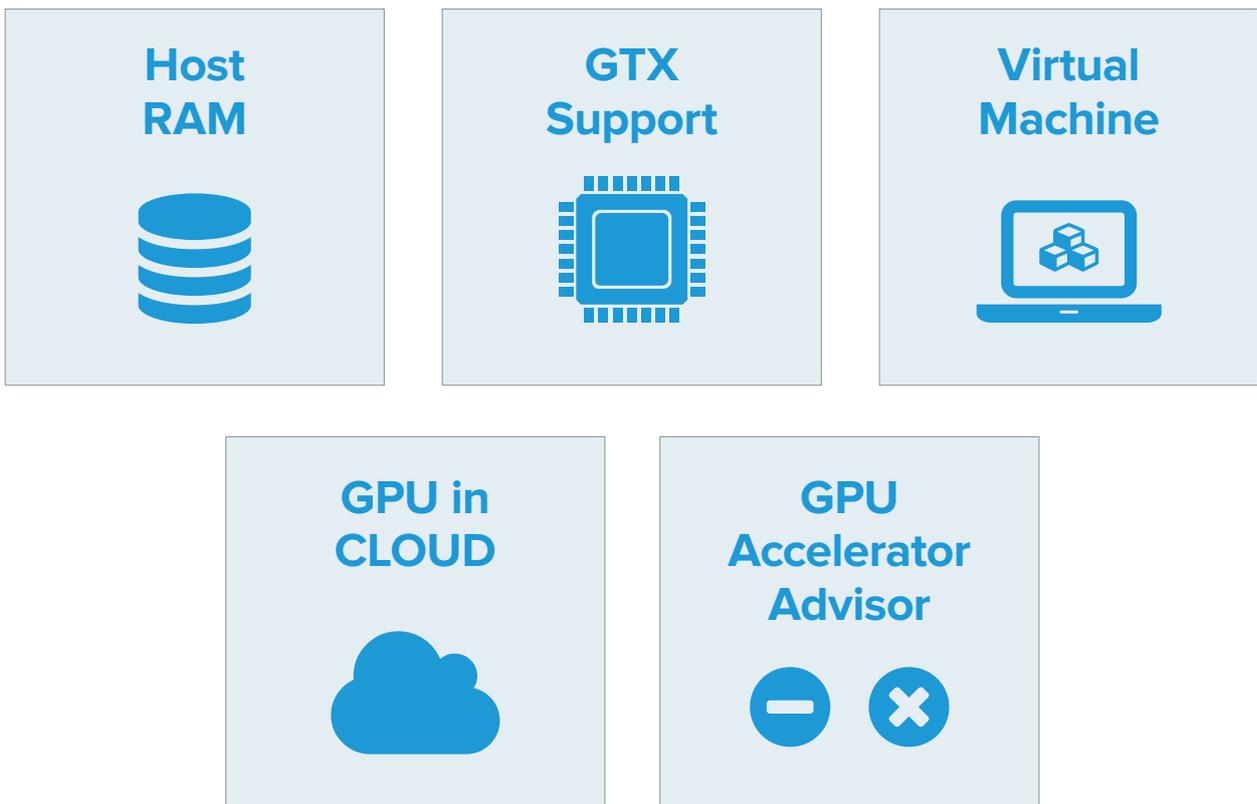
Check the expected speedup potential of the Jedox GPU Accelerator for your model

## ➤ GPU Power for Everyone

Jedox 7 is democratizing GPU access independent of hardware specifications so that more users can benefit from massive performance speed-up: Jedox GPU Accelerator is now using the **host memory (CPU RAM)** for data storage, so that you are no longer dependent on the GPU RAM of your system to take advantage of the additional calculation speed. Cube data physically resides in the conventional RAM on the host (CPU) and is transferred to device memory whenever it is required for processing.

Your computer has a graphics card in place? Then welcome to the world of GPU-powered Jedox analytics: As of Jedox 7, **support for non-Tesla GPUs** is available. This means that Jedox GPU can now be operated and tested on cheaper consumer hardware, e.g. on NVIDIA GeForce cards. Please note that only Tesla GPUs are supported when it comes to productive use as they are designed for 24/7 server usage and provide error correction as well as built-in double precision support.

With Jedox 7, you don't need any hardware at all to make use of GPU-powered processes: Test-drive the Jedox GPU Accelerator on a **Virtual Machine** or go into the Cloud. **Jedox Cloud on Microsoft Azure** provides you with GPU power in a secure cloud infrastructure environment. You want to check whether the Jedox GPU advisor was correct and the performance of your data model can be significantly sped up? Start your Jedox Cloud on Azure trial instance and get extremely fast results for agile decision-making with GPU in the cloud.



## ➤ Ready for Planning in the Cloud?

With Jedox Cloud 7 you can move planning confidently to the cloud – at your own pace. A new administrator dashboard and greater enterprise controls make it incredibly easy to manage your cloud instance. The enhanced cloud offering in Jedox 7 provides you with best in class cloud integration, security, maintenance, scalability and monitoring for highest standards.

### New features for more control, easier administration and maximum data protection:

▶ **Simplified Backup:**

Initiate backups directly within your Jedox cloud instance - 100 GB of additional geo-redundant disk space is reserved for daily backups or self-service asynchronous backups. The backup history is limited only by disk space, and the cloud system can be restored out of backups upon request.

▶ **Encryption:**

With this feature, your data gets encrypted prior persisting to storage and decrypts prior to retrieval. The whole encryption and decryption process, as well as the key management are completely transparent. All images are AES-256 (Advanced Encryption Standard) encrypted with a separate key unique to every customer.

▶ **SFTP:**

With Jedox 7, cloud users have direct access to data and logs via SFTP (Secure File Transfer Protocol). The access is further protected with the help of a dedicated, key-based login.

▶ **Support for Microsoft Azure in-country cloud service:**

Jedox is one of the first partners for Microsoft's in-country "German Cloud" services for enhanced protection against data leakage and more speed.

▶ **Monitoring:**

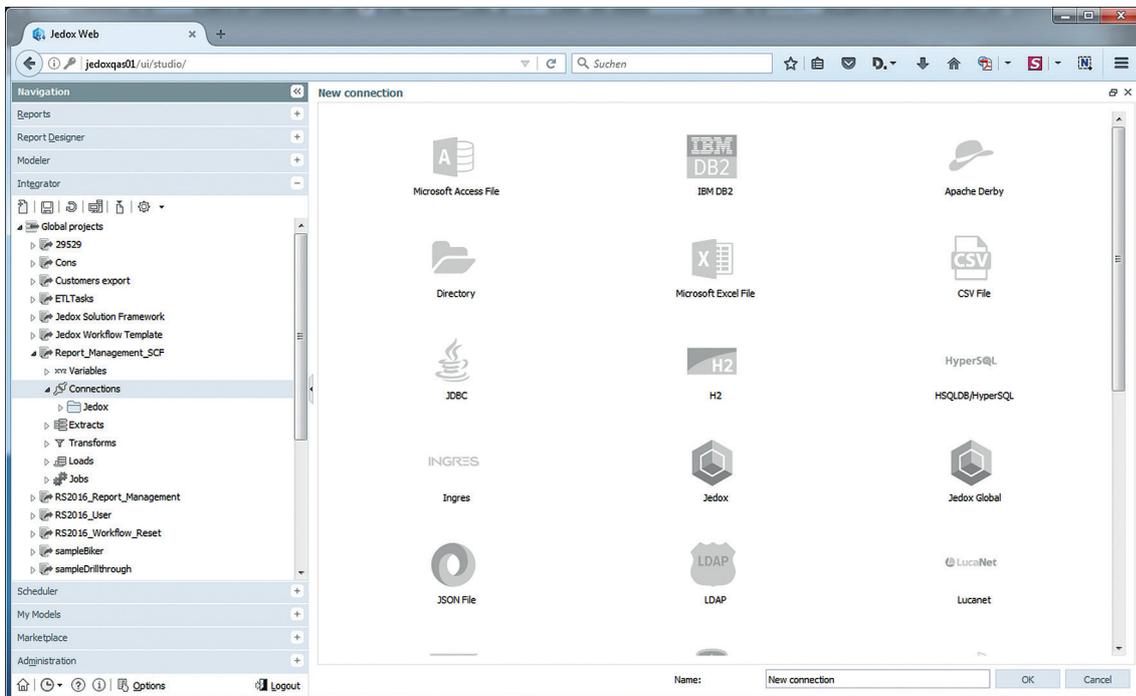
Cloud users have now the ability to report on quarterly level service availability. The status of all services is checked every minute to ensure that the SLA is met.

## ➤ Embracing the Ecosystem

Whether on-premises or in the cloud, Jedox's powerful Integrator enables you to efficiently connect any data source with Jedox so you never lose sight of your corporate data. To make data integration even easier, Jedox 7 comes with a new "Integration Wizard" within the Modeler, where users can create and schedule data integration jobs using an intuitive workflow.

With the new connector for "REST"-based Web services, you can import data from any source using RESTful APIs, such as Social Media data from Twitter or Google Analytics, Hubspot and many more.

*You can access all pre-defined standard connectors in the Jedox Integrator with the click of a button:*



**Figure 13: Powerful data integration capabilities**

Efficiently connect any data source with Jedox so you never lose sight of your corporate data



## JEDOX 7 DOWNLOAD

Start your free Jedox 7 trial, test our new Jedox Models and discover how to take your enterprise planning to the next level.

[www.jedox.com/en/product/free-software-trial](http://www.jedox.com/en/product/free-software-trial)



## FEATURE VOTING TOOL

Help us improve Jedox: Use the Jedox Feature Voting tool in our community and share your ideas with us.

[feedback.jedox.com](http://feedback.jedox.com)



## TECHNICAL WHAT'S NEW IN 7

See our "Technical What's new in Jedox 7" document for more information on extensions, features and optimization.

[www.jedox.com/en/services/downloads](http://www.jedox.com/en/services/downloads)

### About Jedox:

Jedox simplifies planning, analysis, and reporting with one unified cloud-based software suite. Jedox empowers decision-makers and business users across all departments to work smarter, streamline business collaboration, and make insight-based decisions with confidence.

Over 1,900 organizations use Jedox in 127 countries for real-time planning on the web, in the cloud, and on any device. Independent analysts Gartner, Howard Dresner and BARC recognize Jedox for its leading enterprise planning solutions.

[Learn more: www.jedox.com](http://www.jedox.com)