

# **Intrexx Professional**

# **Intrexx Compact**

RELEASE 5.1



**New Features**

## Copyright

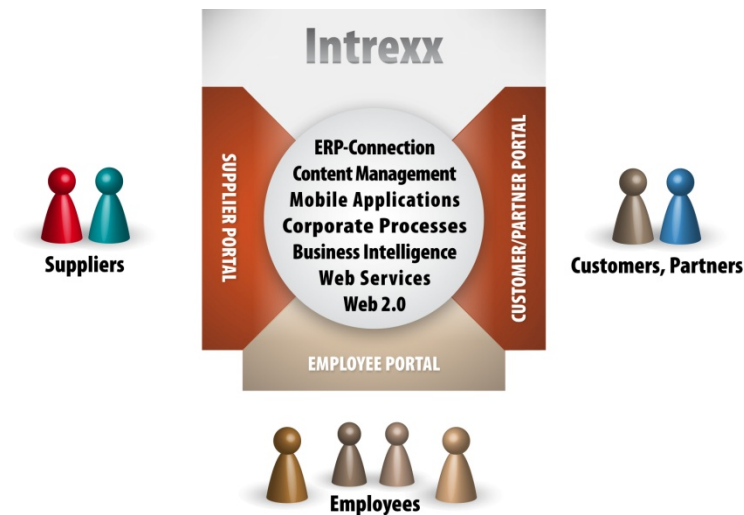
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## Introduction

**Intrex is the leading software for successfully integrating people and information into processes.** Intrex enables web-based applications, intranets, extranets and complete enterprise portals to be created entirely without programming knowledge - in the blink of an eye by simply using drag and drop. An array of useful tools that have been precisely harmonised with each other support companies, administrative bodies and organisations in setting up and operating portals of all kinds, including employee portals, administration portals, customer and partner portals and even internet portals.



Intrex enables you to develop web-based applications, integrate existing data sources, manage processes and procedures or deliver everything to your smartphone (iPhone, BlackBerry, etc.) on demand. In this way, a modern enterprise portal emerges with powerful user management, a robust search engine and system administration that makes things easier. Thanks to a powerful layout and menu designer and web service orchestration, which customers like you are looking for, you are also able to create B2B portals or your web presence in no time at all with Intrex.

**Intrex is very easy to use.** If you are familiar with Excel or Word, you can also design and run an enterprise portal with Intrex. Intrex provides easy-to-understand wizards for this purpose which ensure that the portal can be created with just a few mouse clicks, rather than having to first undertake tedious programming. This easy-to-use approach and clear system structure mean you can avoid being dependent on external or internal experts and programmers. You are always in the driving seat.

**Intrex offers flexible enhancements.** You can either access numerous ready-made templates for your portal, or you can create your own applications very quickly with Intrex. Furthermore, the new **Intrex Application Store** gives you access to hundreds of company applications, which you can integrate into your company portal with a few clicks of the mouse. New applications and forms are being added every day. Every application that you download can be used within a few minutes as no installation on users' computers is needed. As a result, you can create your own custom-made company software.

**Intrex is 10x faster than comparable systems.** Even a complex application can often be created within a few hours and tested as regards its suitability for everyday use. **As a result, risks are avoided from the outset.** This is one of the many reasons that 8 out of 10 interested parties prefer Intrex when directly comparing other portal solutions. No wonder that several thousand companies and organisations already rely on Intrex – and more are joining all the time.

## The ways Intrex supports your work

### **Efficient information management using up-to-date data**

Intrex enables all data and information to be collected centrally and distributed in a targeted manner to employees. This makes it possible to avoid both a tedious search and unnecessary maintenance of multiple data files. Furthermore, higher-quality and more up-to-date data also significantly reduce the error rate within a business process.

### **Reducing costs using electronic document management**

Intrex enables documents to be entered electronically, edited on the portal and then subsequently archived after editing. In this way, costs due to the loss of documents are significantly reduced. As documents do not have to be printed, copied and distributed, it is furthermore possible to save paper and time. Office documents can also be edited directly on the portal using the Business Adapter for MS Office.

### **Automated workflows free up human resources**

Most administrative activities within a company or organisation can be carried out in less time and more reliably by using automated processes. Intrex enables these processes to be completely automated. This frees up human resources that can then be deployed profitably elsewhere.

### **Simple integration of existing software solutions**

Intrex enables the integration of data from software solutions already being used from other providers (e.g. SAP or Lotus Notes). As a result, even complex workflows can be automated and made faster. Standalone solutions can be easily integrated into the portal.

### **Stronger links with customers, partners and suppliers**

Intrex likewise enables external customer portals ('extranets') to be set up. Such a portal can be used to ensure customers always have the latest information. This improves customer service even more and increases customer satisfaction. Collaboration with partners and suppliers can also be optimised using such an extranet.

### **Shorter communication channels**

Intrex offers Web 2.0 applications such as wikis, blogs and forums as standard. These applications speed up and make the exchange of information easier within a company. They support internal knowledge management and foster collaboration between employees.

## Intrex 5.1 - New Features

### Business Integration Adapter for Microsoft Exchange

#### Motivation

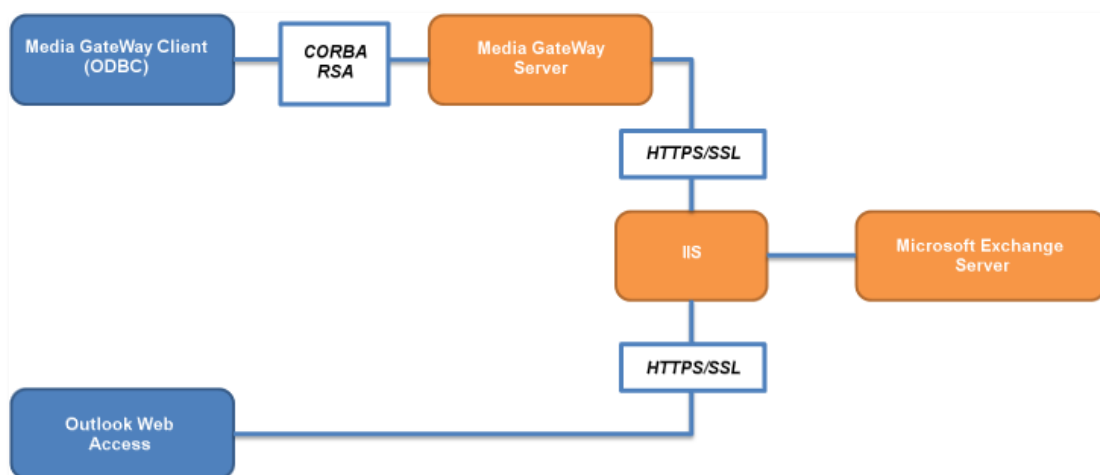
In addition to the representation of a pure enterprise portal, the requirement frequently comes about to integrate appointments, contacts, tasks, and eMails into the web interface of an Intrex portal. For this task, United Planet has developed the *Business Integration Adapter for Microsoft Exchange*, the most broadly used platform for messaging, for your use. The adapter (available as option, subject to additional charge) has been integrated completely into the Intrex application framework. With it, new uses for the software can be realized, such as integrating elements from the Microsoft Exchange server with Intrex processes.

#### Limitations

Although all elements on the Exchange server and the personal mailbox can be accessed with the *Business Integration Adapter for Microsoft Exchange*, the adapter should not be understood as "a second Outlook WebAccess". Just as well, the adapter cannot be used to substitute for the use of Outlook itself. Both of these products have been adjusted over decades for the requirements of users, and their range of functions have been set up to serve optimally as messaging clients.

However, the user can access nearly all information in her personal mailbox, using handy applications that are provided as components of the adapter kit.

#### Construction of the Business Integration Adapter



#### Implementation of the adapter

The *Business Integration Adapter for Microsoft Exchange* can be implemented like an Intrex foreign data source. The adapter puts you in the position of being able to create almost any application you wish with information from the Microsoft Exchange server. This allows you, for example, to show a table in your customer management system that accesses your personal mailbox, the *Inbox* folder, or sent mails, listing all mails that have the customer number of the currently selected customer in their subject line. You could also add a contact to your personal address box with a mouse click.

With the *Business Integration Adapter for Microsoft Exchange*, you will not work with copies of the data, but will rather access, in real time, your mailbox or the mailboxes to which you have assigned permissions to the current user via Outlook.

### **Security**

In order to use the MediaGateway with Microsoft Exchange Server 2000 – 2007, a functional Outlook Web Access (OWA) is required. This is normally prepared and activated by Microsoft Exchange. The security protocols in use (HTTPS, SSL) are also supported by MediaGateway.

The communication between the MediaGateway and the server takes place via *CORBA* and is encrypted with the use of a *PKI* (Public Key Infrastructure) called *RSA*. Supported logon processes are *Basic*, *Digest*, and *Kerberos*. The security protocols in use in these processes (*HTTPS*, *SSL*) are also supported by MediaGateway, as long as these are installed.

### **Permissions**

The access to data takes place exclusively using the permissions of the user logged onto the Exchange server. This means that any data access that a user executes using the MediaGateway can also be executed using OWA.

Via Microsoft Outlook, every user can make their mailbox accessible to other users, as well as restrict this access in multiple levels, such as only to read, or to read and write. In each case, this is enabled by the user herself.

## **Intrex on the iPad**

The iPad knows no windows with a scrollbar. All pages are rendered with a width of 980 px. Parts of the layout that exceed this width will be cut off. In addition, the display in the iPad must be readjusted each time the device is rotated. Intrex solves all these requirements with flexible layouts and controls, which you can implement specially for the iPad. The usability of some controls with a touchscreen have also been improved. Instead of popups, now tooltips have been implemented in the iPad to add data records, in the organizational chart and for user information, upon login and logout, the entry of recurrent appointments, and much more.

## New input controls

Spinning wheel for mobile devices



As a handy and more typical input possibility, especially for the iPhone and iPad, in 5.1 a toggle button, i.e. the checkbox in the iPhone style, exists. The entry of time and date has been made significantly easier via the spinning wheel.

For date, time, and date & time controls on the iPhone and the iPad, a spinning wheel will be created automatically for the edit field, which will be shown when clicking or tabbing into the field. If no value yet exists in the field, the current date will be set; otherwise, the date in the field. The slots in the spinning wheel will be constructed according to the set date format.

### **Back action**

Analogous to the jump setting *Go to portal start page*, there now exists the setting for *Back* in connection with the *No action* action type. This form of navigation is currently quite popular for mobile end devices in particular, and it helps to dramatically increase usability.

### **Swipe gestures**

A typical gesture for the iPhone and the iPad is to swipe from left to right or the other way around. The swipe gesture can, for one, be individually set for every button, and second can be activated on a view page for navigating through data records, without requiring that further settings must be selected.

### **Dynamic filter**

The possibilities of the dynamic filter can now be implemented for tables and lists on mobile end devices as well, as long as they support JavaScript.

### **Keyboard control**

Many mobile end devices like the iPhone, iPad, and Android devices support various keyboards for numbers, date values, etc. Intrexx now automatically activates – depending on the control type – the correspondingly required keyboard.

## Multiple selection

The previous multiple selection method was not supported by touchscreen devices. For this reason, the existing multiple selection has been rebuilt and now offers the following additional properties:

- Separation of display value and saved value for values from applications and static values
- Possibility to save the data in a list (as previously available)
- Possibility to save in a sub-data group  
With this format, it is possible to, in addition to the selected values, also save additional columns and values as well in the sub-data group. This allows the control to now offer a whole range of interesting new possibilities in the layout of applications.
- Additional styles support the individual layout of your applications for increased usability.
- For values from data groups and references as well, filter buttons can now be entered for a control, which offer the user simpler ways to restrict the amount of results.

## Import of applications and processes

Applications can now also be imported with permissions, which greatly simplifies the assignment of permissions, especially for complex applications.

In addition, a package can now be delivered that contains processes, applications, web services, permissions, and even any required Java classes (such as classes for the Intrex Power Application *SalesManager*).

## Search

In the search (application search and global search), FileWalker connections will now also be taken into account. In addition, the search offers more detailed possibilities for settings to be made, such as for the target page on which the search results will be opened. The global search will be configured via the Portal Designer for this. Besides the target page, it can now be defined where the corresponding target pages for hits will be shown.

Search results from applications can now also be weighted. If, for example, search results from the users application are determined to be more important, these results can then be placed higher in the list. This expansion will be defined in the search configuration of the individual applications and can be set per data group. They will then be output at the start of the list of hits.

The search now offers the ability as well to turn on or off the display of a ranking.

Furthermore, for the global search, hits in application names or descriptions will be shown at the very start of the list of hits, in order to offer the users fast access to your portal applications.

## FileWalker

The FileWalker can now be restricted to specific file types (such as only PDF files). Also, FileWalker connections will now be added to the search and automatically shown in the list of hits.

## Data transfer

Microsoft Excel files can now also be exported to and imported from Unix servers. The import and export of OpenOffice spreadsheet files is also now supported. Text files can be imported and exported with column formatting. The assistant for the selection of JDBC drivers has been reworked and simplified.

## Mac systems

For the installation on Mac systems, there is now an individual routine. The user interface of the Intrexx Manager has also been completely adjusted to the normal environment on Mac systems.

Further additional features:

- Visual feedback: if, when loading data records – above all in large collections of data – a delay comes about, a graphic will show the status of loading, in order to give the user an optimal user experience. Similar effects will also be shown when saving data records or when loading a data record, as long as it lasts for longer than a short time. The use of foreign data access or working with data collections from SAP or Microsoft Exchange especially make this display into an important element in your portal.
- Optimized script editors. All script editors now offer the possibility to access the structures of existing applications. Therefore, in the Groovy editor, for example, now all information on data groups and data fields can now be accessed. The information can be applied to the script via mouse click.

## License Manager

In the license manager, there is now an assistant. The entire licensing procedure has been worked over and simplified.