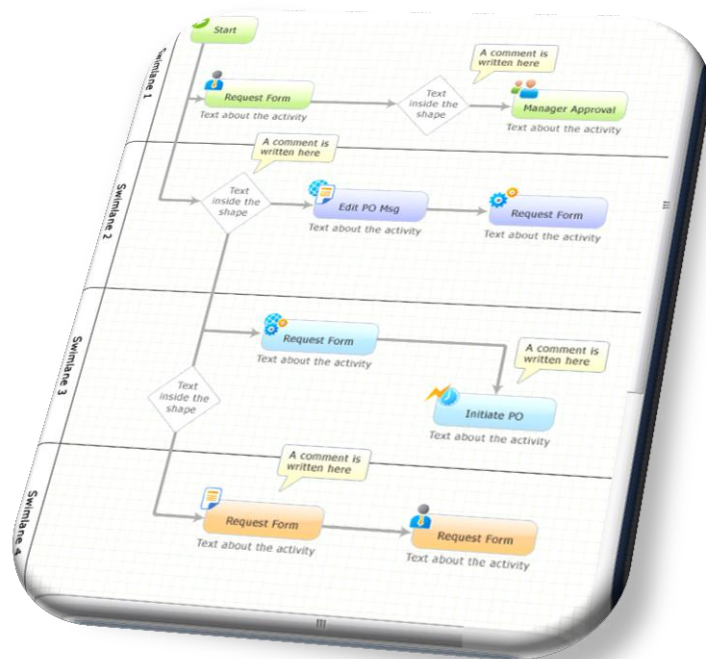




SEQUENCE 7.0 Release Notes

The Next Generation of BPM is here.



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Microsoft Partner

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Sequence Kinetics: The Next Generation of BPM

The world of BPM has entered a new phase. Gone are the days of classic BPM, local deployment, and limited user experience. Today, BPM applications are intelligent and highly collaborative systems that users access over the cloud or on their mobile phones.

PNMsoft's Sequence Kinetics™ BPM Software Suite introduces a host of new features and innovations which put the user in the centre and set PNMsoft apart as the leader in the next generation of BPM software. This document presents these features.

Note: The product name Sequence Kinetics™ is given to SEQUENCE 7.0 and above.

Core Areas of Advance

Each feature can be understood as an advance in one of these six core areas:



Improved user experience



Powerful development & modelling tools



Collaborative environment



Cloud offering



Mobile offering



Technology or performance enhancement

These icons will appear in the feature descriptions below.

Installation

SEQUENCE v7.0 is a product release incorporating new features which are described in this document. SEQUENCE v7.0 was released by PNMsoft on June 27, 2012. You can download the installation files from the [Download Centre](#).

SEQUENCE 7.0 installation requires Windows Server 2008 SP2 or later, and a 64-bit processor with 4 cores.

New SEQUENCE 7.0 Installation

1. Unzip the file *7.0.0.0Installation/Setup Or Upgrade/7.0.0_Installation.zip*.
2. Run *7.0.0_Setup.exe* (it is in the zip file).
3. Follow the instructions in the [SEQUENCE 7.0 Installation Guide](#) in the [Knowledge Centre](#).

Upgrading from SEQUENCE v6.4.4 or later

1. Verify that version 6.4.4 or later is installed on your server.
2. Backup the configuration files and your database.
3. Free up system resources:
 - i. Use the IISReset command-line utility to reset the IIS.
 - ii. Stop the Windows Service and the Active Directory Service.
4. Download and run the file:
7.0.0.0Installation/Setup Or Upgrade/ 7.0.0_Installation.zip
5. Run IISReset.

Note: If you are using a VPC, please consider backing it up before the upgrade.

Upgrading from SEQUENCE Versions 6.4.3 or Earlier

A direct upgrade to version 7.0 has not been tested and may cause server instability. Therefore, please update/upgrade your SEQUENCE application to version 6.4.4 using the upgrade file in *6.4.0.0 Installation/Setup Or Upgrade* and then upgrade to version 7.0 as detailed in Upgrading from SEQUENCE v6.4.4 or later above.

New Features

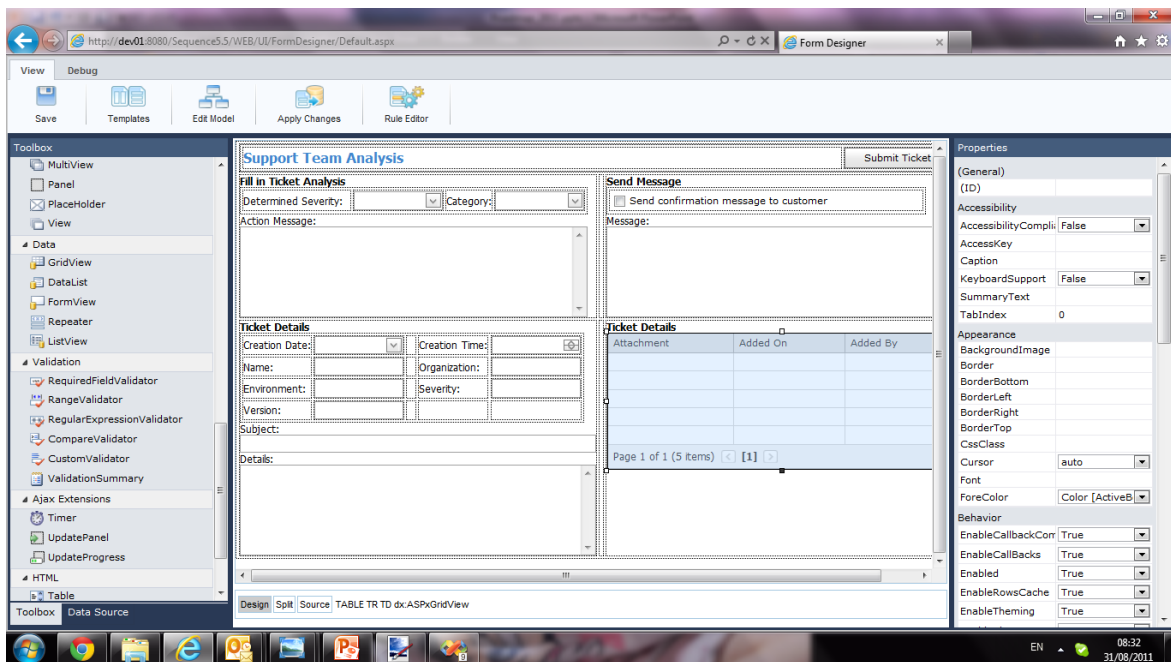
UX Studio



Sequence Kinetics’s UX Studio boasts a groundbreaking .NET markup editor in a 100% web development environment, enabling developers to rapidly collaborate on forms which revolutionize the end-user experience. Its simplicity is matched by its power, such that the novice can build a workflow in minutes, while the expert can create complex data models and sophisticated user interfaces using enterprise tools.

The new UX Studio includes the following features and improvements:

- Fully .NET editor with Ajax support and server side code in a 100% web environment.
- A model-first mode which enables you to create views in a few clicks.
- Auto-generated views from a data model, reducing time-to-solution.
- Support for simple and complex data models in the same designer.
- Rule-based action wizards for forms behaviour.
- Workflow expression editor that is built into the forms and the forms’ markup.
- Creation of a variety of form views (mobile, read-only, etc.)
- Improved performance for form rendering and data saving.



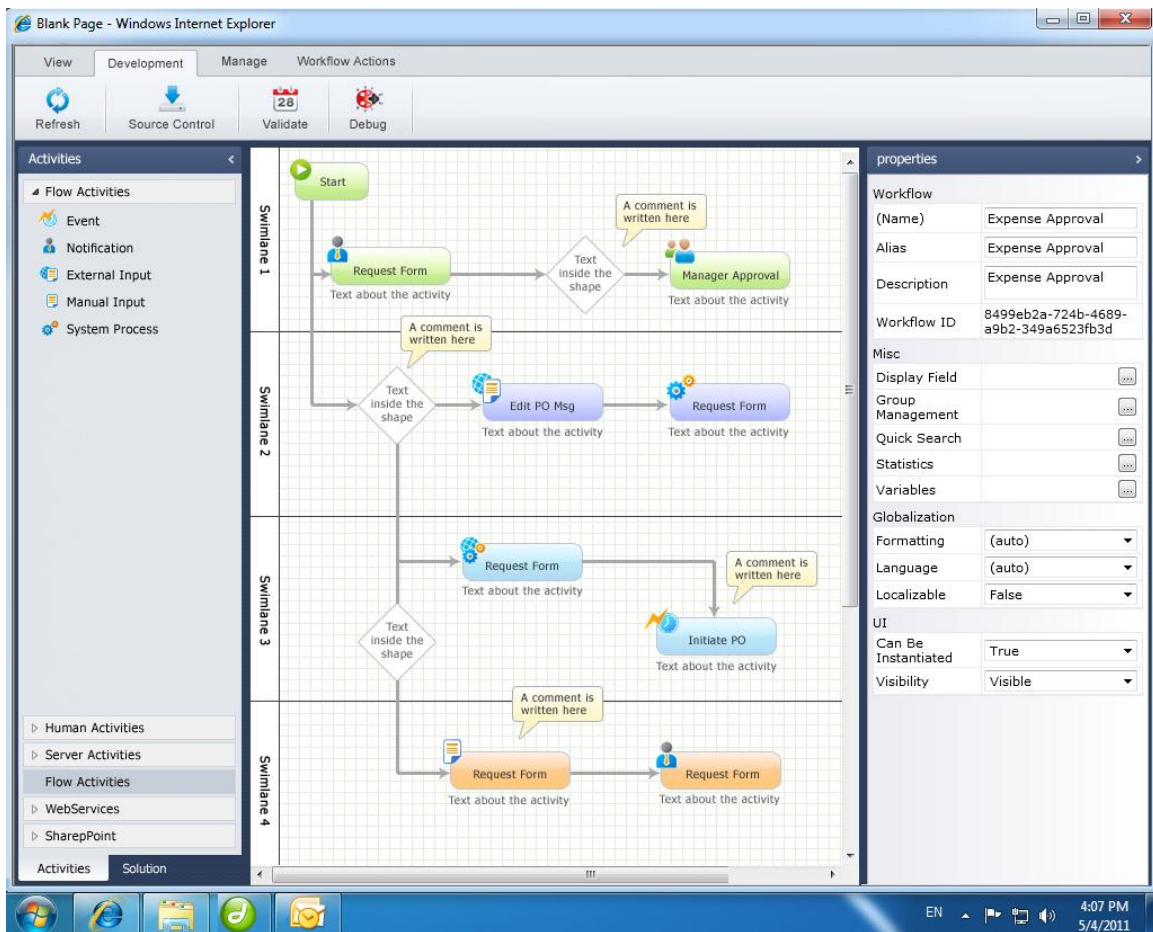
UX Studio

App Studio



Sequence Kinetics’s App Studio has a fresh look and feel, and a set of powerful new features which make development fast, easy and collaborative. It can also function as an effective pre-implementation modelling environment. The new features include:

- Codeless workflow implementation in a 100% web environment.
- Activities organised into swim lanes and containers.
- Ability to add comments to workflows for design collaboration.
- Workflow integrity validation prior to execution.
- Source Control mechanism for multiple developers.
- Extensible design supporting custom activity creation.
- Rich modelling functionality.
- Workflow image export for external use.



App Studio

Rich Messaging



Sequence Kinetics achieves a new level of Process Messaging. The new Message Wizard provides far more control over the content and behavior of process messages. The result: much better communication between process participants.

The Sequence Kinetics Message Wizard includes the following features:

- Composing messages using a rich text editor (in the design environment and for dynamic messages in the Flowtime environment).
- Adding message attachments from external sources or process attachments.
- Configuring custom email headers.
- Defining messages as high priority.
- Calculating message fields and attachments per user.

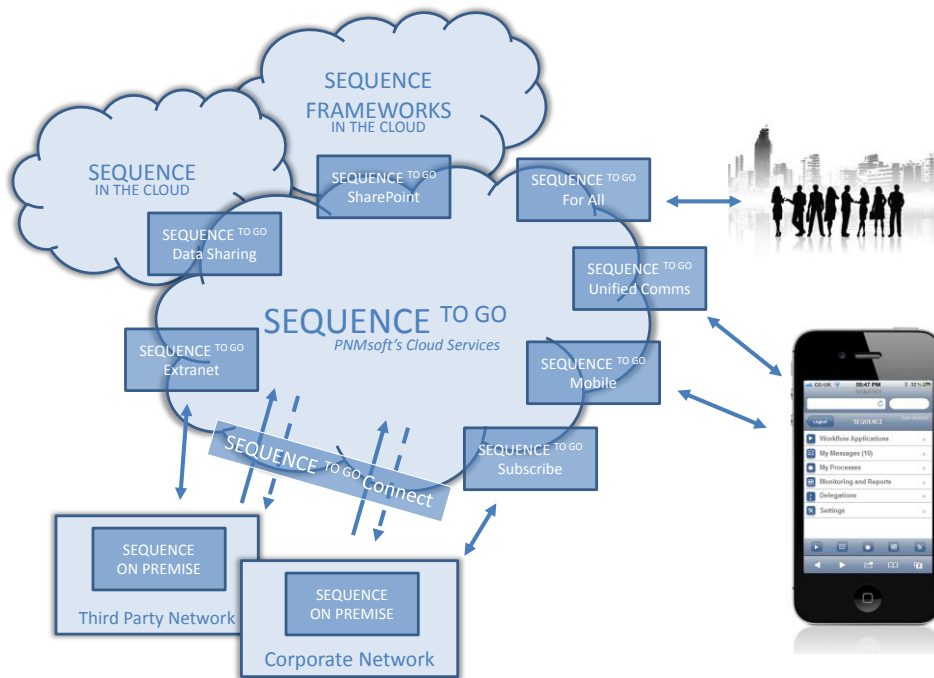
Message Wizard

Cloud Offering (by subscription)



Sequence Kinetics’s Cloud Offering consists of three groups of capability:

- SEQUENCE ^{IN THE CLOUD} – a full Business Process Management (BPM) suite delivering enterprise capabilities.
- SEQUENCE ^{FRAMEWORKS IN THE CLOUD} – provides a selection of horizontal and vertical frameworks that enable customers to deliver benefits in specific areas within shorter timescales using existing content and building blocks.
- SEQUENCE ^{TO GO} – a collection of services that enable all PNMsoft customers to realise many of the benefits of the cloud, no matter where they choose to host their Sequence Kinetics environment.



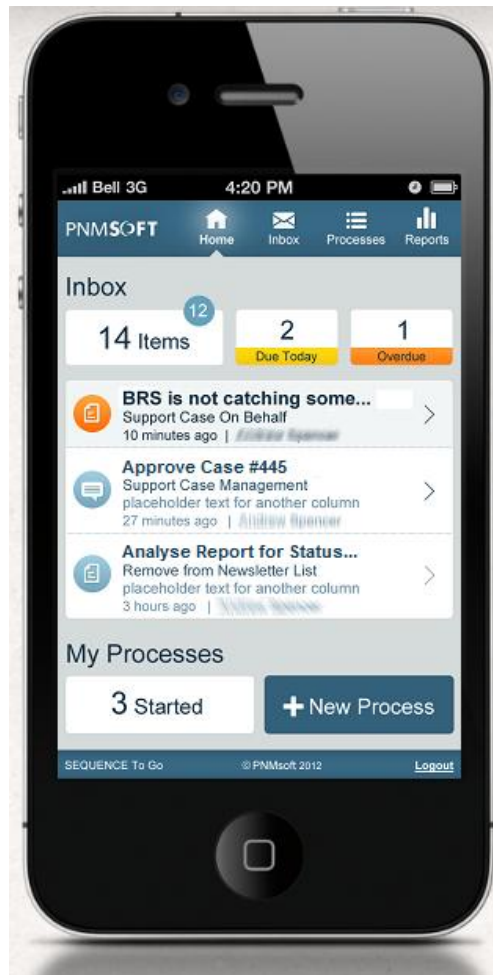
Sequence Kinetics Cloud Offering

Mobile Offering (by subscription)



Process Management has never been as accessible to mobile users as in Sequence Kinetics. Sequence Kinetics's Mobile offering enables users on-the-go to collaborate quickly and conveniently with the following features:

- Process^{TO GO} Mobile Portal – Provides a friendly portal where users can view their tasks, initiate processes, complete and submit simple forms.
- One Click Action – Enables users to complete tasks by one click from their mobile devices or PCs.
- Mobile MI – This service exposes the Sequence Kinetics MI, including rich visual dashboards and reports, to all mobile devices.



Process^{TO GO} Mobile Portal

Social BPM – Process Collaboration

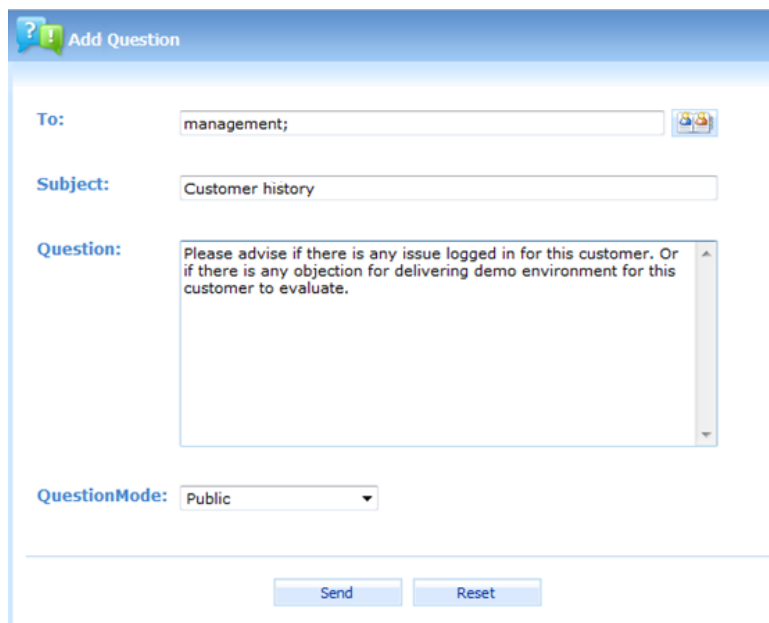


Social BPM is a major element in next generation BPM software. Sequence Kinetics includes the following practical Social BPM features which enhance process ROI and empower the end-user to drive processes to successful completion:

- Add comments to the Process Wall
- Post process questions
- Post answers to questions
- Add approver
- Replace me as approver



Comments



Ask a Question

These Flowtime options grant users quick communication within the process scope and knowledge-sharing between the process participants.

The Sequence Kinetics developer can configure which social BPM features are available for each process from Sequence Kinetics Administration.

Error Handling Wizard



The Error Handling Wizard enables the Sequence Kinetics Administrator to view and manage processes which have encountered issues during their Flowtime execution, including:

- Stalled Processes: processes which have a failed activity.
- Abandoned Processes: processes which have not been updated recently.
- Compensated Processes: processes in which a compensation activity was executed.

The Error Handling Wizard enables the Administrator to delete, abort, or force resume these processes. The wizard also includes the option to debug the processes.

As such, the Error Handling Wizard gives the Sequence Kinetics Administrator more information and greater control over troubleshooting problematic processes and expedites service to the end user.

Instance Id	Workflow	Created At	Updated At	Activity	Debug Instance
64	__doron1_29052011124040_29052011143253	29/05/2011	29/05/2011	Consumer1	
65	__doron1_29052011124040	29/05/2011	29/05/2011	Consumer1	
66	__doron1_29052011124040	29/05/2011	29/05/2011	Consumer1	

Error Handling Wizard

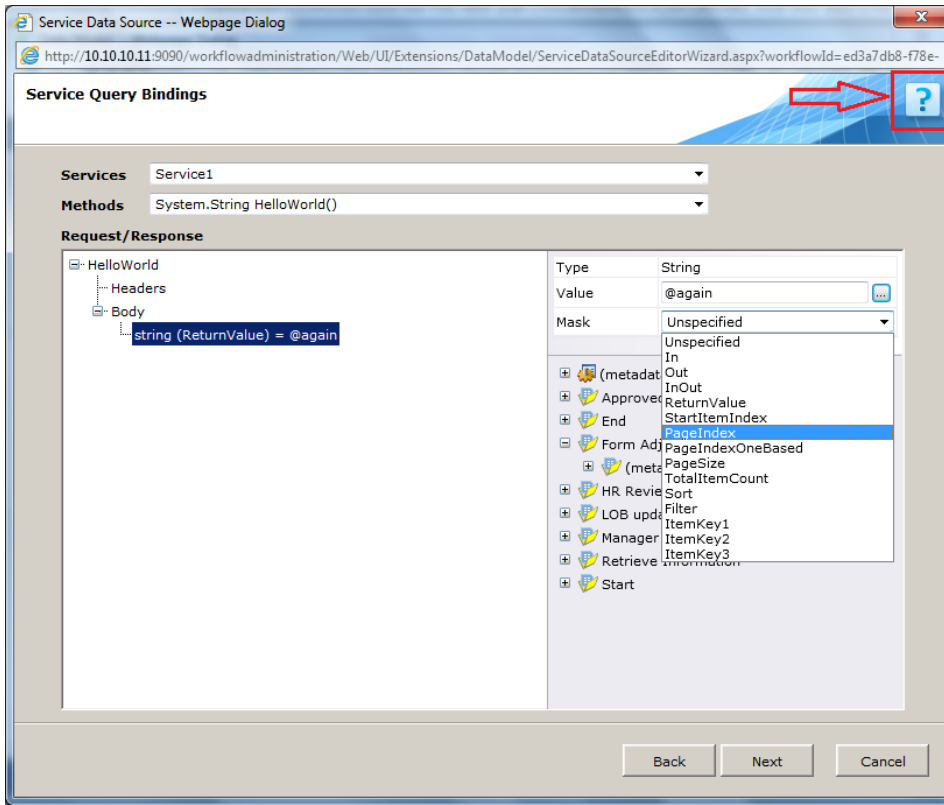
Administration - Workflow Tables



Sequence Kinetics includes a new Administration (workflow tables) module which gives workflow stakeholders better control and interaction with the workflow definition. The administration module is based on the data layer of the new Form Engine and includes a refreshed GUI and management features.

Learn More Online Help

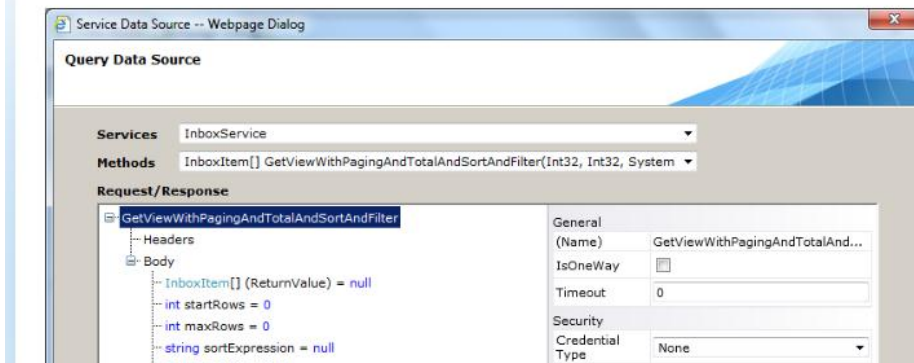
Sequence Kinetics wizards include built-in links to our new ['Learn More' Online help](#) on the [PNMsoft Knowledge Centre](#). Learn More pages explain how to use the options in each screen, and include additional links to step-by-step guides on how to use each feature.



Learn More >

Service Query Bindings Screen

In this screen, you select the service and its method, define the service connection properties, and define the method input parameter values (for the service query you are creating in the form's Data Model):

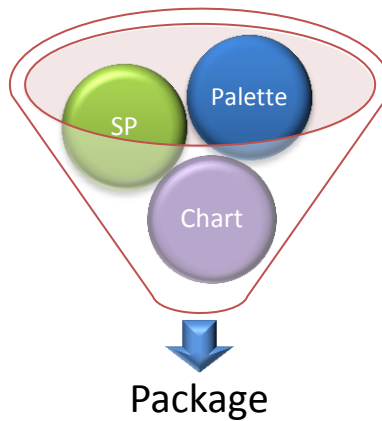


Dashboard Deployment



The Dashboard Deployment feature enables export and import of Sequence Kinetics dashboard objects such as charts, stored procedures, indicators and palettes between environments. This facilitates quicker deployment between environments.

The first step is to select the dashboard objects and export them into a package:



Then, in the destination environment, the package is imported, and the objects are unpacked and saved in the new environment.

Installation Enhancements



The SEQUENCE 7 installation supports merge modules. The installation process itself has been streamlined, enabling administrations to build a distributed SEQUENCE 7 server environment within a few hours.

Module Names

Several Sequence Kinetics modules have new names which highlight their completely new level of functionality and user experience. For those familiar with previous versions of SEQUENCE, here is a chart which indicates previous and new module names:

New Name	Previous Name
UX Studio	Form Designer
App Studio	Workflow Designer
Flowtime	SEQUENCE Runtime

Known Issues

Please see [Known Issues](#) in the [Knowledge Centre](#).

More Information

For more information on how to use Sequence Kinetics, please see:
[Getting Started with Sequence Kinetics](#).