

K2[®]

BUILD AND RUN

**BUSINESS
APPLICATIONS**

FORMS | WORKFLOW | DATA | REPORTS



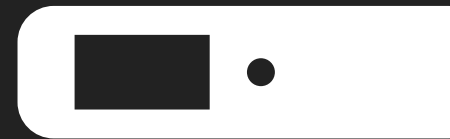
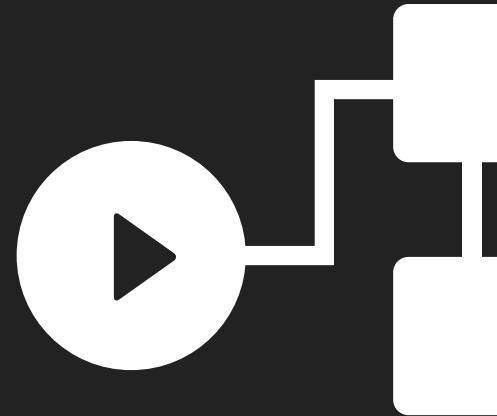
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FEATURES LIST



Use K2 to build and run business applications including FORMS, WORKFLOW, DATA AND REPORTS.

Across enterprises and within departments, K2 customers are rapidly transforming their companies with applications that connect people to information and work, anywhere and at any time.

With K2's visual tools, creating, launching and using the first K2 application is a snap. Reusable components ensure the next application delivers faster than the one before, and when the business needs change, it's easy to update your K2 apps to fit.

FORMS

DESIGN

- Browser-based, drag-and-drop design environment
- Design once for use across different applications and devices
- Create forms that use information from line-of-business systems through K2's SmartObjects
- Auto-generate views and forms
- Create list views to display information with built-in search and filtering
- Create item views to capture or display detailed information
- Create and manage multiple versions of a form
- Create forms with K2's extensive set of controls, or create your own
- Control form appearance using K2 themes and styles, or create your own
- Create the desired form layout with tables and tabs
- Create condition-based rules that control form behavior

DATA TRANSFORMATION

- Use aggregation functions to easily summarize list-based information
- Create expressions to transform data, selecting from more than 90 available operators
- Validate data with conditions and patterns

REUSE

- Reuse views across forms
- Reuse forms across business applications
- Use the same form for multiple steps in a workflow

EXTENSIBILITY

- Extend the list of out-of-box controls by creating your own
- Create additional themes
- Add custom validation patterns

INTEGRATION

- Create forms to start new workflows and to interact with workflow tasks
- Make use of stages to control forms and reuse across multiple steps of the workflow

ADDITIONAL FEATURES

- Integrate forms into existing web-based business applications
- Open views and forms as subforms to capture or display related information
- Create a form once and render it across platforms and devices
- HTML 5 support
- Create PDF forms for dissemination and offline access
- Fully integrated with SharePoint



WORKFLOW

DESIGN

- Multiple drag-and-drop design environments including browser, Visual Studio and desktop-based tools
- Collaborate on application creation by sharing designs across K2 design environments.
- Quickly assemble business applications with an extensive list of out-of-the-box workflow events and tasks
- Extend any K2 designer to include domain-specific functions and workflow steps
- Save workflow steps as a template that can be reused across any number of applications
- Start process instances based on events that occur in a line-of-business system or application, upon receipt of a form, email or document
- Start a process as part of a step in another workflow
- Schedule recurring processes

BUSINESS LOGIC

- Use advanced routing capabilities to include functionality like rework, parallel, sequential or conditional routing
- Escalations, including email, "go-to" and custom escalations, can be added to any user task
- Use K2's extensive list of Inline Functions to include calculations and formatting capabilities
- Save the configuration of commonly used functions for reuse across multiple applications

INTEGRATION

- Use K2 SmartObjects to integrate workflows with any line-of-business system
- Out-of-the-box wizards for Active Directory and Exchange to create and manage user and email accounts
- Out-of-the-box wizards that integrate with Microsoft Dynamics CRM
- Build applications that interact with almost any SharePoint asset including lists, documents, libraries, forms and site collections - both on-premise and in the cloud and across multiple versions of SharePoint
- Out-of-the-box document management capabilities to create and update Word documents and automatically generate PDFs using workflow and data

TASK MANAGEMENT

- Provide users with a single view of assigned tasks with the K2 Worklist, a personalized, global to-do list
- Tasks can be searched on and filtered based on user-defined criteria
- Respond to tasks on using a mobile worklist, forms or e-mail
- Allow users to redirect or delegate tasks to other users
- Out-of-Office functionality allows users to assign an alternate user to receive all tasks until the original user returns
- Set working hours and time zones for task routing and task notifications
- Assign tasks to multiple people, groups, roles or based on rules in the workflow
- Automatically notify users when they have been assigned a new task

ADMINISTRATION

- K2 provides a dedicated workflow server that can run millions of process instances with thousands of active users
- Manage application deployment across multiple environments
- Administrative process approval allows administrators to approve workflows before they are deployed to the server
- Keep track of all deployed versions of a process and roll back to an older version of a process if errors occur
- Error handling capabilities include retry, integration with Visual Studio debugging, process instance modification and notifications
- Update running process instances
- Set security at the workflow, event or action level
- Authentication mechanisms include Kerberos, Claims-based authentication, Windows authentication and other custom authentication providers



DATA

INTEGRATION

- Line-of-business integration with virtually any system with K2's SmartObjects
- Out-of-the-box integration with SharePoint, SAP, Microsoft CRM, Salesforce.com, SQL Server, Oracle, Exchange, Active Directory, Microsoft Excel and Microsoft Word
- Build composite SmartObjects that connect with multiple line-of-business systems to provide a single view of business data
- Inline Functions provide a built-in set of functions to provide complex logic and calculations
- Customize and extend the list of functions to suit individual needs

EXTENSIBILITY

- Build applications that interact with K2 SmartObjects, SmartObject data and K2 processes using K2's Web Services for SmartObjects and workflows
- K2's services are Windows Communication Foundation services and use RESTful service formats such as XML, JSON or OData-compatible ATOM feeds
- Use K2's API or ADO.NET Data provider to access K2-based information or interact with K2 processes programmatically
- Full audit trail of all K2-based events and process information using K2's extensive logging framework

REPORTS

DESIGN

- Create custom reports that include K2 workflow data and K2 SmartObject data using the drag-and-drop K2 Report Designer
- Access K2 workflow and SmartObject data in standard report creation tools like Microsoft PowerPivot and SQL Report Builder
- Use the K2 Event Bus to set up custom notifications based on specific workflow or data events, including information from both line-of-business systems and workflow data

USE

- Out-of-the-box process reports include information like number of instances, user performance, average duration, etc.
- Get real-time visibility into your running processes with an out-of-the-box graphical, real-time workflow report
- SharePoint-based K2 Process Portals provide a single place to manage and view critical information about all K2 applications
- Customize to display only the information that's important to you
- Integrated with SharePoint

