Accessible SmartForms™

K2 smartforms is a powerful application that lets you design and build process driven applications visually in a browser with little to no coding. The resulting process driven applications are visually stunning, and support many user interface features only found in desktop applications.

The Challenge: These process driven applications do not meet Section 508 accessibility standards for people who are blind or visually impaired.

The Solution: We developed Accessible SmartForms™ to address accessibility issues within K2 smartform controls and out of the box K2 dialogs by modifying the rendered markup to adhere to Section 508, and WCAG 2.0 AA standards. This design allows screen readers such a JAWS to describe the purpose, current state, and usage instructions to blind and visually impaired users when using a K2 smartforms application. Accessible SmartForms™ also provides accessibility to the runtime views of K2 smartform application.

Supported K2 Version

Accessible SmartForms™ currently supports K2 smartforms versions 4.6.9 and newer.

Controls Supported

Accessible SmartForms™ addresses accessibility issues for the following K2 smartform Controls.
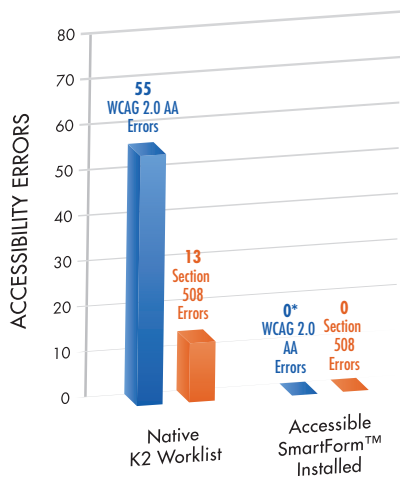
- Button
- Toolbar button
- File attachment
- HTML literal control
- Timer
- Content
- Label
- Picture
- Check box
- Check box list
- Choice
- Hyperlink
- List View
- Lookup
- Multi-select
- Radio button
- Text area
- Table

We gained valuable Section 508 experience developing our industry-leading Discover Access for SharePoint™ solution now used by EPA, FDA, HRSA, CMS, NGS, SEC and the States of South Carolina and Minnesota.

Discover Technologies is extending the design features of K2 smartforms to blind, visually and cognitively impaired workers, by reducing out-of-the-box accessibility errors on average from 60% - 100% per page.
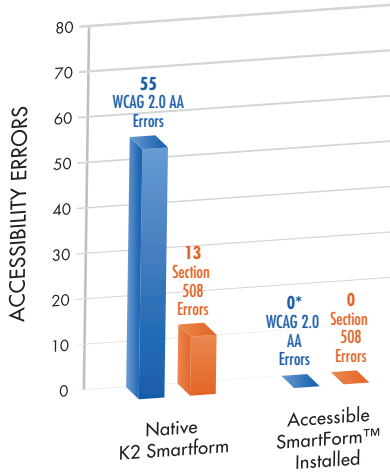
Error reduction IMPROVED and SIGNIFICANTLY ENHANCED user experience.
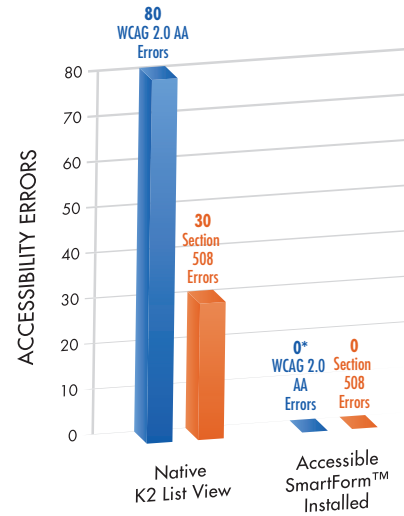
Accessibility Errors Improvement

K2 Worklist with Filter Dialog

K2 Smartform

List View with Filter Dialog

WCAG 2.0 AA   SECTION 508

Out of the Box Screens and Dialogs

These dialogs are fully keyboard accessible when using JAWS or an equivalent screen reader. The only remaining WCAG 2.0 AA errors are mouse related, which is no longer required when utilizing Accessible SmartForms™.

- Error Dialogs
- Warning Dialogs
- Information Dialogs
- Configure Hyperlink Dialog
- Worklist
- Filter Dialog

- Out of Office Dialog
- List Views
- Choose a Filter Dialog
- Configure Filter Dialog
- Configure Advanced Dialog

Discover Technologies has the largest team of K2 Certified Practitioners in North America.