

## OVERVIEW



SilverLinx Corporation

**Country:** Unites States

**Industry:** IT and Business Consulting

**Web:** <http://www.silverlinx.com/>

## BUSINESS SITUATION

SilverLinx needed to create an app to help users manage their critical data on Windows Phone.

## SOLUTION

The Secret Book app.

## TECHNOLOGIES

- Visual Studio 2013
- .NET 4.5
- ComponentOne Studio WinRT



# SilverLinx Corporation

Data Driven App Goes to Market Quickly with the Help of Data and UI Controls from GrapeCity

## OPPORTUNITY

The world-wide smart phone market has been growing rapidly. Given its growth, the demand of smart phone users to carry their critical data on the go is more apparent than ever. SilverLinx set out to find a way to create an app to help users manage their data on Windows Phone devices. The goal was to provide a better user interface for critical data when rendered in a smaller phone screen.

## BUSINESS SITUATION

When laying out the requirements for the app, SilverLinx started with an Excel comparison. "We identified that potential users would want the ability to read and modify data rows on a vertical screen and that the data source would most likely be an Excel spreadsheet," said Jingsong Zhang, VP at SilverLinx. The app was designed to carry default data templates to manage the most commonly accessed critical data like account logins, insurance cards, and bank accounts. With the popularity of cloud storage, the SilverLinx app was developed to support cloud storage, allowing a user to upload and download Excel files to and from OneDrive.

The first technical challenge SilverLinx faced was figuring out a method for reading data from an Excel file. "We evaluated ways of solving this challenge, considering in-house custom development and third party vendors, and found the solution in GrapeCity's ComponentOne Studio WinRT Edition control suite," said Zhang. With the ComponentOne Excel library for the WinRT platform, SilverLinx was able to load one Excel file and retrieve the Excel structure and data from the file. Secondly, SilverLinx faced the challenge of how to display Excel forms on a smartphone screen. "With ComponentOne FlexGrid for WinRT, we were able to display the Excel form gracefully," said Zhang.

## SOLUTION

Making the most of the WinRT platform and leveraging ComponentOne Excel for WinRT, an easy-to-use control that allows users to use a single command to load or save a workbook from C#/VB.NET code, and ComponentOne FlexGrid for WinRT, a fast full-featured datagrid control that offers an Excel-like experience and excellent performance, SilverLinx created the Secret Book app, now available in the Microsoft Store.

"The Secret Book brings your secret data on the go, so you can manage critical data like passwords, bank accounts, credit cards, and insurance cards. It's also flexible, supports all Excel files, and you can easily import and export your Excel files and even define your own data table," said Zhang.

The Secret book app is a data driven app, and it may be downloaded and opened in any Excel file from Cloud storage. A user can create, read and edit rows when the screen is rendered vertically.

"The ComponentOne FlexGrid provided my app a highly-professional user interface, and it created a neat and colorful data table," said Zhang. "I couldn't be more pleased, as it also provided rich built-in features like auto size and sort by column."

// The ComponentOne Studio WinRT controls provided two important key features to our solution, and saved us at least 50% in overall design and development time. //

Jingsong Zhang, Vice President at SiverLinx

## BENEFITS

### Overall Design and Development Time Savings

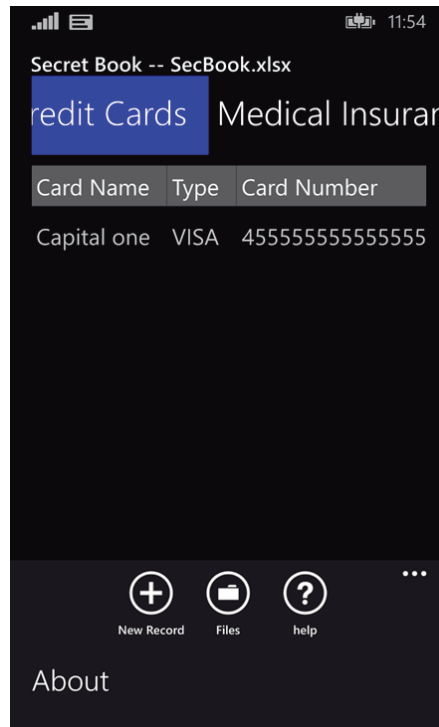
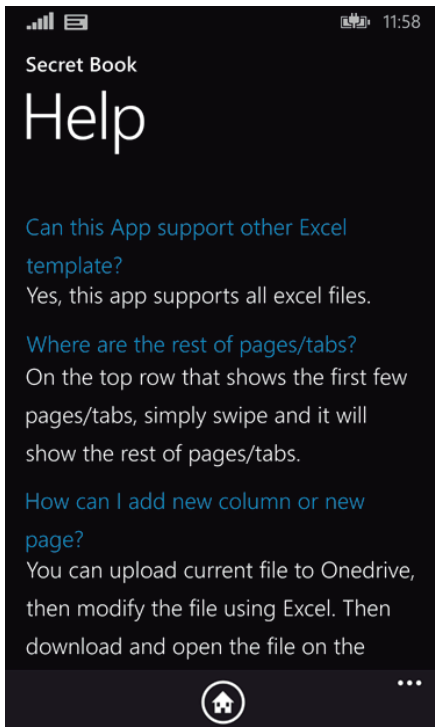
- SilverLinx estimates they saved at least 50% in overall design and development time by using ComponentOne Studio controls.

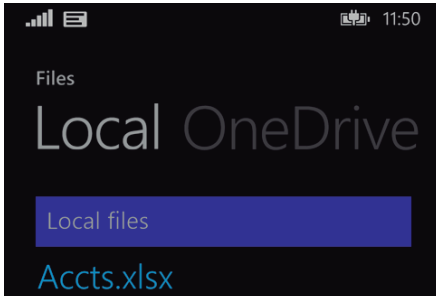
### In Sync with Technology

- GrapeCity frequently updates ComponentOne Studio components to ensure they adapt to new Microsoft .NET features, so developers don't have to worry about components becoming outdated.

### Get the Toolkit. Get the Team

- Zhang found ComponentOne Studio components very easy-to-use, with its flexible API and easily accessible sample code.
- Responsive Support Team. "GrapeCity has an efficient support team and group of developers," said Zhang. "If I reached out to the support team, I got an answer in one day and then received a solution one day later."

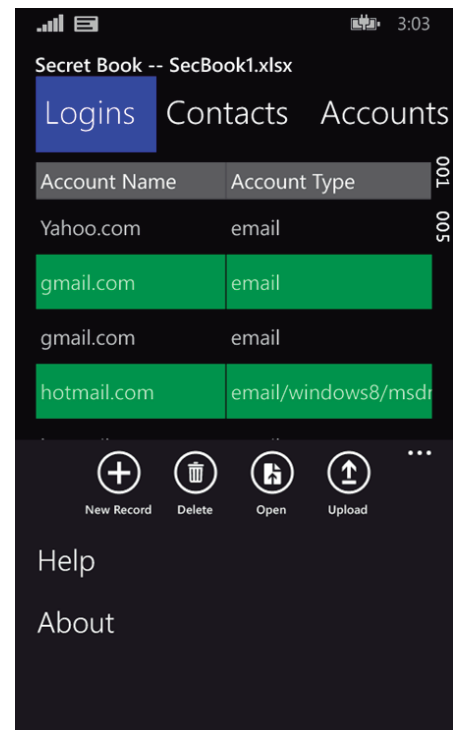
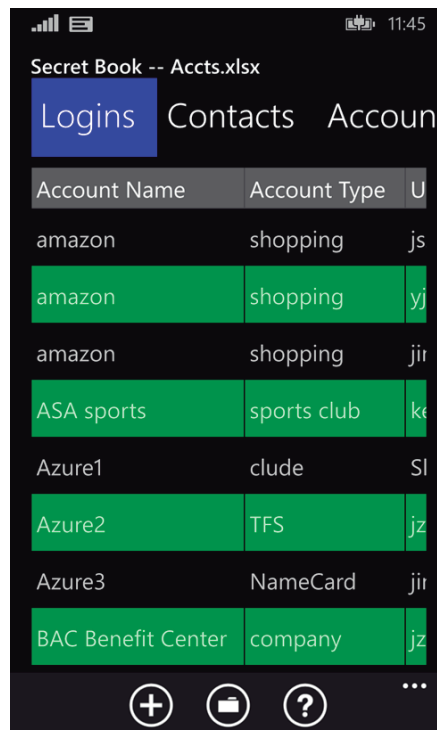
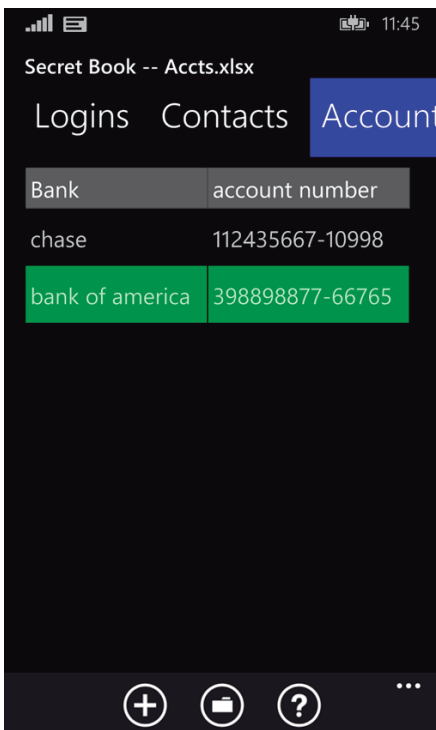
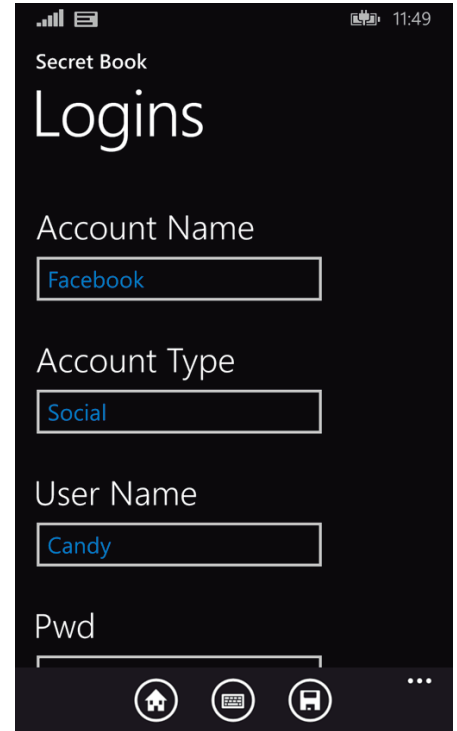
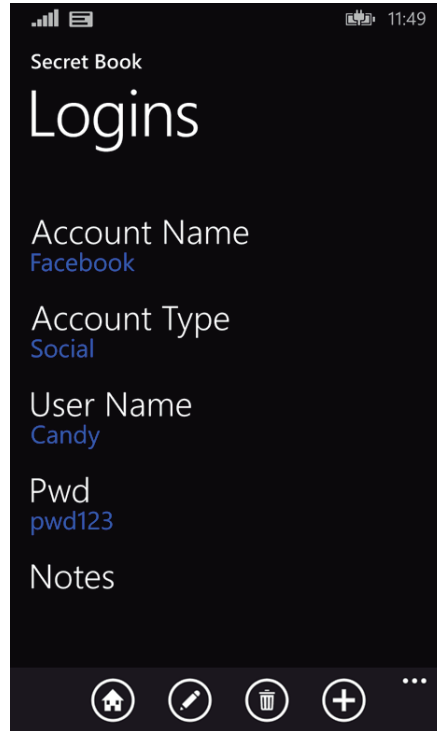




Open

Delete

Upload



Download your free 30-day trial at  
[www.ComponentOne.com](http://www.ComponentOne.com)



Want to share a great story for our spotlight series? Email [press@componentone.com](mailto:press@componentone.com)

© 2016 GrapeCity, inc. All rights reserved. This case study is for informational purposes only. GRAPECITY MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, IN THIS SUMMARY. The names of actual companies and products mentioned herein may be the trademarks of their respective owners.