

## case study:

# PAPERWISE

### Need:

#### Composite web application to integrate multiple desktop applications

Paperwise, a document management and workflow software company, has worked with Code Scientists for many years to create algorithms, applications, and platforms. For Paperwise, we created a web-based composite application that integrates all of their desktop applications into a single, easy to use, cloud application.

### Solution:

Code Scientists, LLC created Symphony, which integrates the functionality from all the Paperwise desktop applications including document searching, indexing, scanning, and storage.

Symphony is tightly integrated with desktop applications. This desktop integration lets Paperwise transfer document metadata from line of business applications running on user PCs into Symphony to use as indexing criteria for documents.

We also created native mobile applications that allow Paperwise users to scan documents with their phones and tablets and import those into Symphony and other Paperwise platforms. At the algorithmic level, our team created document recognition and 3-dimensional deskew routines to make documents clearer and more readable when photographed with mobile devices. These mobile applications are used in the trucking industry to capture trip-related documents, for example.

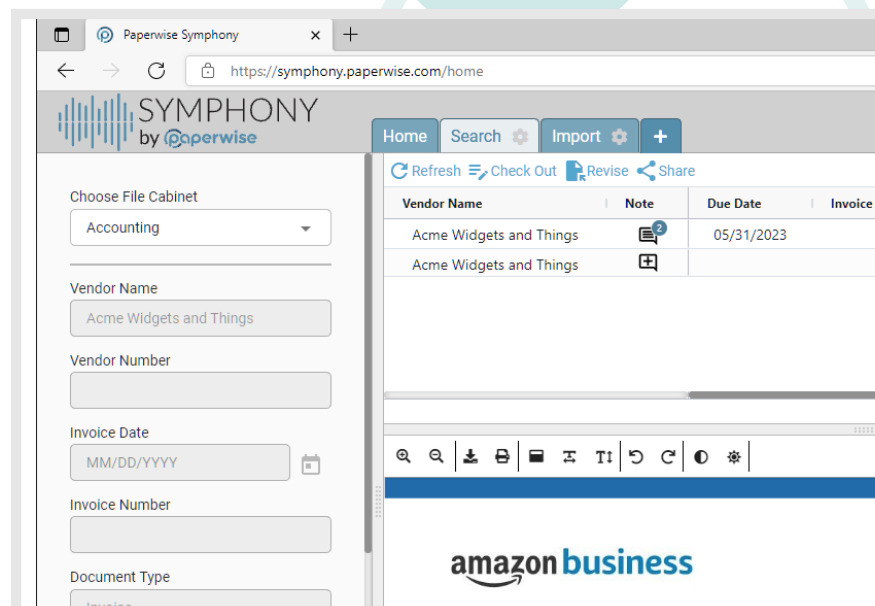
### Skills used:

- Angular, Angular material, TypeScript/JavaScript
- C#, asp.net core, SignalR
- Composite Application Patterns for angular
- OpenCV
- objective-c, Swift, Java
- iOS and Android Development
- Algorithms



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**Code Scientists** is a software development firm specializing in web applications, web services, and internet-enabled devices for companies with complex processes. We provide human-to-technology and technology-to-technology interface solutions.





Symphony

https://symphony.paperwise.com/home

SYMPHONY

by Paperwise

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Latest Symphony Feature Additions and Bug Fixes

SYMPHONY

by Paperwise

Release Notes Q1 2023

Product Updates Released on January 17, 2023

List of All Changes

Feature	Description	Issue Number
Import Tab	Corrected an issue that kept subsequent groups of documents from being added to the initial group of documents in the import list.	19607
Index Tab	Updated the pop-up captions in the list of tasks on the index tab.	19567
Process Manager	Corrected an issue that led to the lock icon not being displayed on a past version of a process in the Process Manager.	19227
	An issue that allowed a process task to be submitted without the status started.	19064
	As minimized the view of documents attached to a task, attachments were to be minimized for the Symphony session.	19571
	The list of attachments displayed as available for download on a task so	19572

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Symphony

https://symphony.paperwise.com/home

SYMPHONY

by Paperwise

Home

Search

Import

+

net

PO 10988 - Invoice 056790.pdf 727.73KB

PO 65489 - Invoice 098765.pdf 105.94KB

Drag and Drop Files Here

or

Browse for Files

PaperWise

PURCHASE REQUEST

3171 E. Sunshine  
Springfield, MO 65804  
417-886-7505 (p)

P.O. NO. 10988  
DATE April 15, 2020  
CUSTOMER ID  
PROJECT  
CLASS / DEPARTMENT

VENDOR Office Supplier  
35678 Pentoo Way

Upload

Remove

aperwise Symphony

https://symphony.paperwise.com/home

SYMPHONY

by Paperwise

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+

Refresh

Check Out

Revise

Share

Vendor Name

Note

Due Date

Invoice N...

Vendor N...

Invoice D...

Payment ...

Notes

Text to search for

☒ Search notes for all documents in the cabinets

☐ Search notes for the currently displayed list of documents

☐ Search notes for currently selected documents

Preview

Open in Search

No data

Invoice # 1LKK

Payment due by May 08, 2020

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