Sprinterra

ACUMATICA

Company Overview

With offices located in the US and Eastern Europe we offer engagements offshore, onshore, or a mix of both - with the goal to satisfy every client's unique needs

Our services:

→ custom software development
→ system design
→ data management
→ app development
→ system integrations

and much more...

Industries we serve

Low-code	ERP
Financial Services	Real Estate & Mortgage
Information Security	Travel & Tourism
Retail	Manufacturing
Insurance	Education
Human Resources	E-Commerce
Healthcare	Logistics

ACUMATICA

Sprinterra is a partner and ADN (Acumatica Development Network) program participants of Acumatica. We provide consulting and development services related to Acumatica xRP Platform and Acumatica ERP.

Acumatica is an adaptable cloud- and browser-based enterprise resource planning software designed to improve productivity of small and medium-size businesses.

Acumatica ERP delivers versatile cloud and mobile technology with a unique all-inclusive user licensing model, enabling a complete, real time view of your business anytime, anywhere. It provides the full suite of integrated business management applications, including Financials, Distribution, Manufacturing, Project Accounting, Field Service, Commerce Edition, Construction Edition, and CRM.

The Acumatica core applications fit most business needs. However, your business is unique and you may desire to extend existing functionality integrating it with various third-party tools and applications.

Our team will help you with any type of development task: starting from a simple screen customization, to the design and development of a new module and its integration with Acumatica ERP and other applications.

Sprinterra is highly experienced in integrating Acumatica with many different applications and platforms such as Atlassian Jira, UPS and FedEx shipping solutions, e-Commerce platforms, Transactional Email services, etc.

ARENA PLM INTEGRATION

Client:

x

Industry:

Software and IT solutions

Technologies Used:

- Microsoft.NET
- C#
- Acumatica Cloud xRP Platform

DESCRIPTION

Arena is the leading provider of cloud-based product development solutions for high tech, consumer electronics, and medical device industries. The integration from Arena to Acumatica helps extend an organization's end-to-end cloud environment to help design, produce, and deliver innovative products rapidly.

With Arena's product lifecycle management (PLM) solutions, Acumatica customers can accelerate new product launches and eliminate costly errors caused by manually entering information in ERP. This gives engineering, quality, and manufacturing teams a completely connected approach throughout new product development and introduction.

SOLUTION

In order to make integration happen, Sprinterra development team added Arena Integration Setup page to the Acumatica application. This is the place where users are able to connect their tenant account, establish and test connection between Arena and Acumatica. It is also required to populate entity settings that specify which exactly objects will be synced and shared between the two systems. Arena custom to each workspace categories and entities are being processed and created in Acumatica as well. This process will help to avoid errors during work with stock items. Examples of such categories can be stock items, sales categories, bills of material, vendor detail. On the other hand, such objects as Vendors are being exported from Acumatica into Arena. Such a two way connection between the systems helps to accelerate product development and delivery to increase profits. It is also possible to see the history of all synced objects to keep track of all changes.

BENEFITS

Streamlining the passage of product information from PLM to ERP the instant it is approved by cross-functional teams gives companies a strategic advantage to continually innovate and deliver solutions fast. Once the design of a new product is approved in Arena PLM, all part and assembly information will be automatically passed to Acumatica Cloud ERP, giving procurement and production teams immediate and accurate product record access to speed their planning and manufacturing processes.

DESCRIPTION

Acumatica client users can create thousands of shipments for their multiple customers each month. Those customers are billed on various frequencies and with varying invoice presentation styles. Such a situation required shipments to be consolidated into a single invoice or split in several different groups in a variety of ways. Additionally, some invoices need to be held until all taxes, duties and freight (international shipments) can be added to the invoice. Invoice customization project was focused on providing a flexible format to manage individual client preferences.

While Acumatica allowed for different invoice formats by customer for various grouping and sorting methods, it did not provide a method to break up invoice consolidation. If an invoice is prepared via Process Shipments, then all confirmed shipments will be consolidated for the time period based on the Customer, Carrier, and Ship Via, which was not always a required scenario for the users.

SOLUTION

Solution to the above request was to modify the Receivables module by setting specific invoice consolidation attributes in the preferences. Once such attributes are set, they are added to Customers. As an example of attributes that can be used for consolidation we can name gift shipping. Once everything is set during sales order creation and organization it is possible to set an invoice group and apply those attributes to get specific and customized invoice splits. Another item that was added is a specific action on the process shipment step, which also allows drop-ship delivery option, when the item purchased is not available at the warehouse and will be shipped to the client directly after purchase avoiding any warehouses at all. After everything is set and the invoicing process is initiated, specific invoice numbers are generated with items split in them by a defined logic. As a part of this project, the process of tax identification with the help of synchronization with the Avalara system was also improved.

BENEFITS

Full customization of invoices allows Acumatica clients to boost their accounting process. This helps to eliminate manual work and possible errors, as well as remove repetitive processes of invoice consolidation. Simple and specific rules allow users to generate an exact amount of invoices and send them at specific required times.

INVOICE CONSOLIDATION

Client:

x

Industry:

Software and IT solutions

Technologies Used:

- Microsoft.NET
- C#
- Acumatica Cloud xRP Platform

WORKWAVE ROUTE OPTIMIZATION

Client:

x

Industry:

Logistics

Technologies Used:

- Microsoft.NET
- C#
- Acumatica Cloud xRP Platform

DESCRIPTION

Acumatica always strives to improve its product by incorporating collaborations with other various market products. One of such opportunities was to integrate the WorkWave route optimization module called Route Manager into the system. Previously Sprinterra already worked with integrating UPS and FedEx into the Acumatica ERP System, and it was time for another step. WorkWave is a service management solutions company that helps mobile workforce companies in the field of service, transportation and logistics industries to mitigate the key pain points they face every day. This allows companies of any size to easily estimate jobs, schedule and route mobile workers, service and bill customers with ease. Route Manager solution from Workwave provides a unique approach to route optimization that increases profitability by reducing operational costs, generates more revenue by freeing up time for more daily driver stops, and improves logistical operations by increasing efficiency.

SOLUTION

Workwave Route Optimization module that we integrated can be easily switched on and settings can be set up for each customer individually. Settings can be customized per each client to provide the flexibility of required information, approval levels etc. Once everything is set any sales orders that are created in Acumatica and connected to WorkWave Id will have shipment information, pictures, signatures, notes and drop-off time slots synced. Apart from that, based on the entered shipment details, specific groups of delivery territories are pulled from Workwave to show optimized options for the routes. Also all information that is set up on the Workwave side (eg. vehicle type, priority, order type, pick-up settings, shipment status) is reflected in the client's instance. Acumatica users can sync and get delivery status to see fresh information about the shipment, since everything that Workwave drivers update in their mobile app, is also being pulled under specific sales order.

Separate item that was created was a print of a carrier label that includes the barcode, shipment information and the packaging size. This was done for an easier process during pick up.

Sprinterra developers created additional screens and Tabs to customize Sales Orders process and include Workwave information. Also our team created a separate shipment summary page and POD report, where it is possible to track overall status of all deliveries and see if there were any issues with them.

BENEFITS

Now Acumatica clients can easily use WorkWave Integration as an option when planning their shipments. They can customize everything according to their business needs. With the help of reports and general list it is a matter of a few minutes to control if everything went well with the shipment. With all the attachments, notes and comments it is also not an issue to investigate what went if this is the case. Overall now Acumatica offers one more great option to plan routing for your business, which is essential in the modern world of online deliveries.

DESCRIPTION

Acumatica ERP delivers an adaptable cloud and mobile-based enterprise resource planning solution with a user-licensing model, which enables a real-time view of business operations at any time and from anywhere. Through a worldwide network of partners, Acumatica ERP provides the full suite of integrated business management applications, including financials, distribution, accounting and professional services.

Acumatica is working relentlessly to evolve and develop its ERP product, and hired Sprinterra to integrate with largest multinational courier delivery services - FedEx and UPS to provide an ability to manage shipments within the application. Acumatica required a solution that could control all the shipments within the system , calculate the cost, print labels and even order delivery by sending information directly to FedEx and UPS.

SOLUTION

Acumatica Shipping Tool Integration is a Windows desktop application that integrates Acumatica ERP system with the following shipping systems:

- UPS WorldShip
- FedEx Ship Manager

Application enables users to process Acumatica shipments in one of the supported shipping applications with the subsequent update of the tracking and freight cost information in Acumatica.

Shipment processing can be invoked from Acumatica Shipping screen. User is able to begin processing only if the screen is active/open in Web Browser and selected shipping system is up and running. Application runs through all browsers' sessions to find active Acumatica web module.

When user finishes picking/packing in Acumatica, the system will automatically trigger FedEx or UPS application. Data in Acumatica will be updated and shipment confirmed, when processing is completed in FedEx or UPS application. Regardless of the scenario, application retrieves related shipment details from Acumatica and submits them to the selected shipping application using predefined mapping.

Once user finalizes shipment processing, Acumatica receives automatic update with corresponding tracking numbers, freight cost and package weight.

BENEFITS

- Extending Acumatica ERP features
- Providing ability to manage all shipments within Acumatica
- Keeping track of all sales orders
- Automatic updates with tracking and freight cost information

FEDEX AND UPS INTEGRATIONS

Client:

Acumatica

Industry:

Software and IT solutions

Solution:

Acumatica FedEx and UPS integration application

Technologies Used:

- Microsoft.NET
- C#
- Microsoft Azure

FIXED ASSETS HISTORY

DESCRIPTION

X is an outsource IT solutions company with several offices located in few European countries and the US. Such an extended structure required proper control of all company's fixed assets across multiple offices and countries. Sprinterra resolved this issue via customization of Acumatica's standard module to represent details and history of every fixed asset that belongs to X. Detailed information about location history was required for every item as well.

SOLUTION

A custom history and location-tracking feature was created by Sprinterra and integrated into the Acumatica Fixed Assets module. This feature helps to track items on a very detailed level, including not only standard country/city details, but also building, floor, room and space ID. All asset relocations became traceable, as corresponding data could be easily updated in the system for any item. Location history enabled the ability to track every movement of every asset since purchase.

BENEFITS

Fixed assets management became very straightforward, clean and transparent after modifications performed by Sprinterra. Added transparency helps tremendously with item tracking, assets verification and auditing processes.

Client:

x

Industry:

Software and IT solutions

Technologies Used:

- Microsoft.NET

DESCRIPTION

Our client is using the GoFormz solution as a flexible and easy-to-use tool to digitize documents including accounting management and resource-planning documents generated and supported by Acumatica ERP, which is the main management and accounting system in this company. Client approached Sprinterra with the idea to integrate Acumatica and GoFormz for an easier and smoother workflow.

GoFormz is a cloud solution helping to transfer paper documents into digital while preserving original format. Users can scan the document and specify all fields required for data entry, then save it to the cloud drive. Digital copies of document can be used by the employees to create new copies within the proposed templates. The GoFormz solution is supported by mobile devices as well.

SOLUTION

Sprinterra created the documents exchange channel between Acumatica ERP and GoForms server using API. It allows data transfer from Acumatica ERP screens directly into the documents, fill-out required fields and save generated docs in PDF format in the ERP file system. Users can have an option to fill-out the form on a GoFormz site and newly-created documents will be attached to the original Acumatica ERP document.

BENEFITS

The customer has now in possession a flexible tool to manage digital documents in the format standard for this company, with the added option of quick and easy fill-out of the required data as the result of the integration with appropriate Acumatica ERP screens. Acumatica ERP settings are tuned-up to allow adding data into the fields of the GoFormz documents directly from the Acumatica ERP screens and supplement them with other data entered on the form.

OFS INTEGRATION

Client:

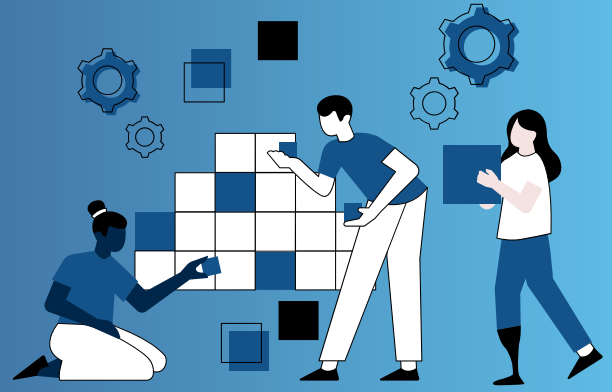OFS International LLC

Industry:

Oil and Gas

Solution:

Acumatica and GoFormz Integration

Technologies Used:

- Microsoft.NET
- C#
- Acumatica Cloud xRP Platform
- GoFormz API

MAILGUN INTEGRATION

Client:

Manawa

Industry:

Software and IT solutions

Solution:

Acumatica Project Invoicing Development

Technologies Used:

- Microsoft.NET
- C#
- Acumatica Cloud xRP Platform

DESCRIPTION

Manawa is an IT service provider with a wide range of services: Support solutions, Cloud services, Consulting, Security, Software Development, etc.

Manawa picked Acumatica to cover the company ERP related activities. Direct emailing was one of many Acumatica features extensively used by Manawa employees. But this feature has a pitfall - lack of email-delivery confirmations.

SOLUTION

Sprinterra offered integration with Mailgun service to resolve this issue. Mailgun was selected due to its easy SMTP integration option and a simple, RESTful API. Mailgun Tracking logs and Analytics features provide additional benefits and offer help for troubleshooting. As a result of implementation, all emails sent via Acumatica are trackable and their statuses are verifiable.. Manawa users can now see if emails were delivered and opened by recipients.

BENEFITS

Mailgun integration helped Manawa to track all correspondence within the Acumatica ERP system.

DESCRIPTION

OFor over a decade, X has been helping businesses achieve mission success through a proactive, results-driven approach to software and IT. X served companies from financial, real estate management, entertainment and other industries with cost-effective turnkey solutions, custom system design and development.

Having over 400 contract employees X faced the need to implement an automated payroll system, which at the time was manual and, therefore time consuming and error prone process. Additional challenges were presented by multiple offices of X, located in several countries with different payroll processes, rules and regulations.

X, at the moment, was already using Acumatica enterprise resource planning software for some internal purposes. Acumatica at the time did not have a ready-to-use payroll module and existing original and third party solutions had serious limitations on the number of employees in the system, restricting maximum to 20-25.

Additionally, existing solutions lacked a module that could automatically provide calculations based on previously entered data.

SOLUTION

A custom payroll module was created for X and integrated with other Acumatica modules being used by the company. The most outstanding result was the ability to fill-in data and perform simultaneous calculations within the same screen for more than 400 employees. New module has also demonstrated great performance in terms of speed.

After integration with Jira newly developed payroll module defined and calculated salary for every employee, taking into account all his/her paid and unpaid vacations, sick leaves, bonuses, days off, etc. On top of that, a new solution helped to determine burn rates for any given budget associated with particular projects.

Another important feature of the built Payroll module is an ability to print specific tax reports as well as work completion certificates, which might contain data specific to each employee for every time period. New module also contained an export to excel feature, which helps tremendously to analyze data.

We have integrated our Payroll module with Acumatica Accounts Payable module, which added benefit to generate and print out invoices.

BENEFITS

- Improved accounting and payroll
- Financial data collection, processing and calculations – all in one place
- Built-in option to print specific reports and certificates
- Full tracking of expenses and compensations for all employees. Ability to store and review data for current and former employees

PAYROLL MODULE

Client:

X

Industry:

Software and IT solutions

Solution:

Acumatica Custom Module Development

Technologies Used:

- Microsoft.NET
- C#
- SPX
- Microsoft Azure

ADVANCED PROJECT INVOICING

Client:

X

Industry:

Software and IT solutions

Solution:

Acumatica Project Invoicing Development

Technologies Used:

- Microsoft.NET

DESCRIPTION

Our client – company X has its own customers all around the world and therefore required a powerful and versatile Invoicing system to create and send invoices split by many different parameters such as SOW, Projects, Tasks, Employees, etc. A matter of high importance was the creation of invoices for fixed-cost projects, which was not adapted for regular use with standard modules.

Another challenge was to provide a dynamic sales rate calculation in invoices for each particular employee. Apart from that, X required an option of invoices' manual editing at any stage of invoicing process.

Original invoicing module supplied by Acumatica at the time had not provided features required by X, therefore X requested Sprinterra to create a customized invoicing module.

SOLUTION

A custom Invoicing module had been built by Sprinterra, and integrated with existing Acumatica Projects and Account Receivables Modules used by X. New functionality helps X accounting department to split and combine invoices by client's, SOWs, departments and cost centers, which was high on the client' wish list.

Another added feature is the ability to create project and location specific formats for invoices, based on clients' country of origin.

Provided solution can be used for fix cost projects and calculate what part of the remaining budget is still left. System has corresponding reports, which could be generated directly from the invoicing module.

BENEFITS

X benefitted from getting an Advanced Project Invoicing module by eliminating manual interventions required for invoicing. New invoicing module straighten corresponding workflows and simplified dynamic sales rates calculations, merging info from different cost centers, invoice formatting and other aspects involved in the process. Simply put: ability to generate, edit, preview and send invoices directly from Acumatica made the process straight and clean, adding to client X satisfaction.

MORE INFORMATION ABOUT OUR TEAMS AND PROJECTS IS AVAILABLE UPON REQUEST

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Sprinterra