



Plant an App

the

# SECRET WEAPON

of Software Development

**OVERVIEW**



Deliver  
software  
solutions  
faster

Modernize  
Legacy  
Systems

Automate  
Manual  
Tasks

## How can we help?

Lack of IT  
Talent

Reporting &  
Dashboards

Rapid  
Prototyping

Integrate  
Decoupled  
Systems

# Deliver Better Software Solutions Faster



Seize  
Market  
**Opportunities**

**Adapt to**  
Market Conditions

**Reduce costs** and  
friction with custom  
development

# Modernize Legacy Systems

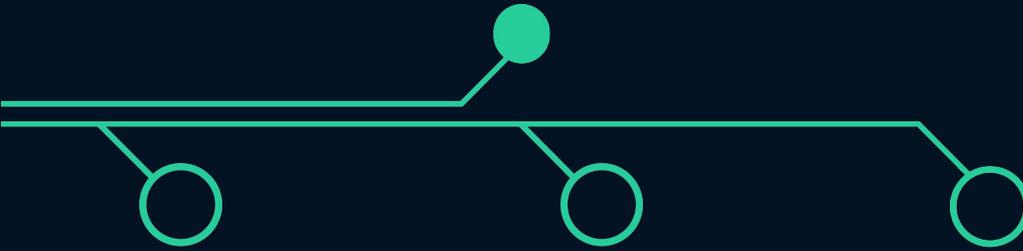


Increase  
User  
**Adoption**

Extend  
With New  
**Functionality**

Reduce  
Maintenance  
**Costs**

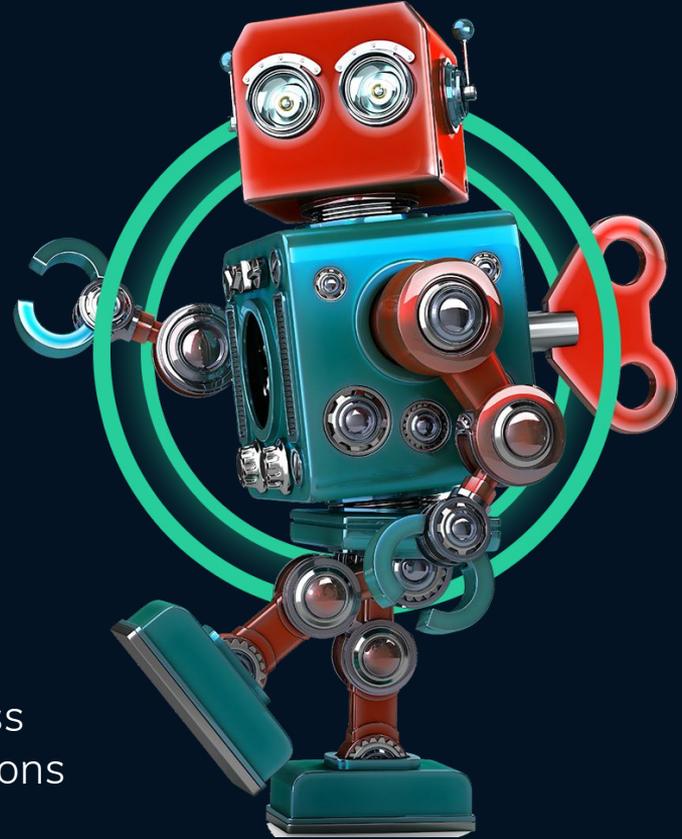
# Automate Manual Tasks



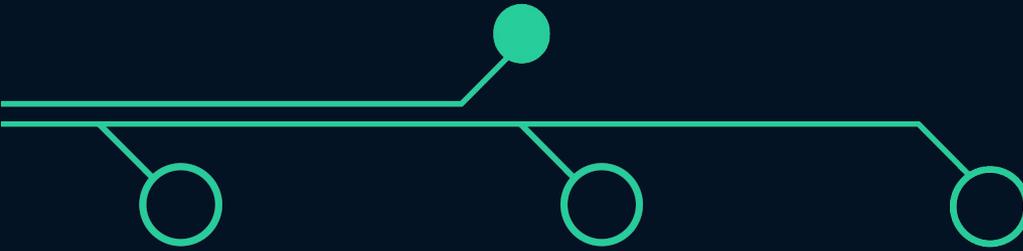
Increase  
Employee  
**Efficiency**

Improved  
Customer  
**Experience**

**Scale**  
Business  
Operations



# Reporting & Dashboards



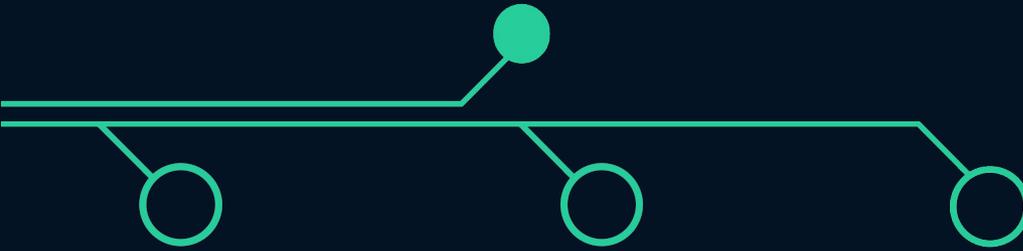
Real-time  
**Dashboards**  
To Identify Issues

**Insights,**  
Predictions,  
Alerts

Historical  
Audit and  
**Analysis**



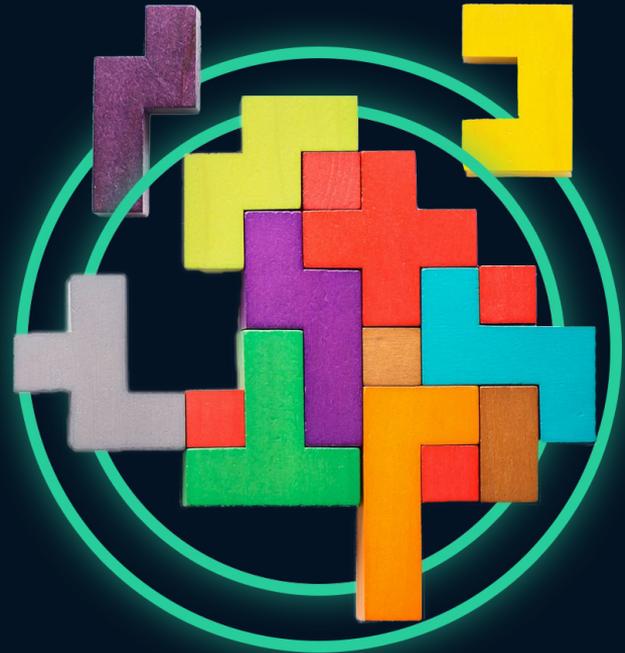
# Integrate Decoupled Systems



Streamline  
Data  
**Flow**

Improve  
Data  
**Integrity**

Improve  
Data  
**Context**



# Use Cases & Case Studies

## Domains

- Financial
- HR
- Support
- Sales & Marketing
- Logistics

## Industries

- Healthcare
- Finance & Insurance
- Local & Federal Gov
- Education
- Technology
- Professional Associations

# Employee Assistance Program

## Customers



### Provider Onboarding process

- Complex onboarding forms
- Review and approval processes
- Background Check

### Patient Onboarding

- Manual or automatic matchmaking
- Manage dependants
- Access therapists in multiple languages

### Provider Processes

- Session management
- Billing
- Integration with Insurers



# Employee Assistance Program

MVP Built in

20 by 2  
Days Developers

The Vail community is hurting as suicides rate soars. Plant an App helped deliver a platform for individuals to connect with therapists. This is a great story of how being able to deliver faster will translate to lives saved.



VAIL HEALTH

Eagle Valley  
Behavioral Health

Home [Provider Application](#)

Application Status: **Application Accepted**  
Your application looks good. No actions need it.

Account Status: **Active**

When fully released the platform your account will eligible to accept patients. We will let you know when this happens.

[Information](#) [Agreement](#) [Provider Information](#) [Licensure & Insurance Information](#) [Confidential Questionnaire](#) [Attestation](#)

Participants to Mountain Strong EAP program must agree to the below information.

If you would like to provide more information as to why you do not want to proceed please email our team here.

- I agree to [Service Providers Agreement and Services & Fee Schedule and Policies & Procedures](#)
- I agree to [Continuity of Case Single Case Agreement](#)

Update

	Name	Check Status	By	Date	
	Radu Niculceaaa123 radu.niculcea@plantanapp.com	<b>Application Accepted</b>	<b>OK</b>	Niculcea Radu 2/12/2020 5:37 PM	<b>Active</b>
	Niculcea Radu radu.niculcea@gmail.com	<b>Application ready for submission</b>	<b>Rejected</b>	Radu Niculcea 1/20/2020 3:40 PM	<b>Access Restrict</b>
	Mike Richards mike@slopewebagency.com	<b>Application Incomplete</b>	<b>Unchecked</b>	Mike Richards 1/28/2020 12:56 PM	<b>Access Restrict</b>

# Mission Control Center

## Customers



### Dashboard

Observe which devices are in error states  
Drill down to see details  
Historical reporting

### Automation

Trigger workflows on certain status codes  
Correlate status codes with support cases status  
Gather additional details about the issue

### Integrations

Communicate with the devices via APIs  
Automatically raise support tickets  
Notify on-site technicians via SMS

Industry

Autonomous Pharmacy

# Mission Control Center

Case Study

MVP Built in

4

Days

by

2

Developers



As the demand increased for their robot that pre packaged medicine in hospitals, Omnicell built a system to manage all robots remotely and trigger processes based on various messages and events.



The screenshot displays a web-based interface for monitoring autonomous pharmacy robots. At the top, there are filters for severity levels: XR2 Down, C4C Immediate Ticket, C4C Urgent Ticket, XR2 Alert Ticketed, C4C Normal Ticket, C4C Low Ticket, XR2 Alert Pending Cust Resp, XR2 Warning, and Healthy. A notification bar indicates "2 XR2 Down waiting for engineer assignment". Below this, a grid of cards shows the status of individual robots at different locations:

- University Health Services, Inc. (151867):** 27d 7h 44m. XR2 Down since 07:56 AM Mar 21. CDP: 15. Ticket Number: 396064. Eng: John Moan.
- Saint Luke's Hospital - Bethlehem Campus (155092):** 25d 9h 54m. XR2 Down since 05:46 AM Mar 23. CDP: 8. Ticket Number: 396040. Eng: OData - Mobile Apps Service Account.
- Mercyhealth Trauma Center at Riverside (149772):** 8d 6h 59m. C4C Immediate Ticket since 08:41 AM Apr 09. CDP: 7. Ticket Number: 396274. Eng: Rudeyna Quadri.
- Utah Valley Hospital (149831):** 11d 1h 46m. C4C Immediate Ticket since 01:54 PM Apr 06. CDP: 31. Ticket Number: 396242. Eng: Rudeyna Quadri.
- Carle Foundation Hospital (153388):** C4C Immediate Ticket since 08:36 AM Apr 09. Ticket Number: 396273. Eng: Rudeyna Quadri.
- Summa Health System:** 17d 22h 24m.
- Sentara RMH Regional:** 25d 21h 09m.
- Grant Medical Center:** (Status partially visible).

# Association Management

## Customers



### Membership Management

Handle advanced membership plans, billing, discounts, invoicing, access management, notifications.

### Event Management with ERP features

Schedule events and track everything, from multiple ticket types to costs, sponsors, attendance and more.

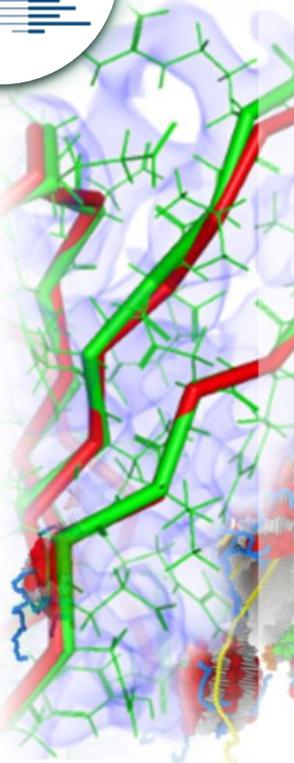
### Specific Features

Each association is different. The specific features can be quickly deployed through low-code, and can cover promotions & discounts, grant management, fundraising, elections and so on.

Built in

100 by 2  
Days Developers

Biophysical Society



Biophysics was able to replace 5 legacy systems (membership, events, grants, awards, and finances) with a single portal, which greatly improved onboarding and member experience.



## Submit Abstract

2021 Hamburg Thematic Meeting > Abstracts > Submit Abstract

- To begin a new abstract, click on the **Create A New Submission** button below.
- To continue working on an abstract that has not yet been submitted (**Drafts**), or to make edits to a submitted one on the icon next to that abstract you want to update.
- To delete an abstract, click on the icon next to the abstract you want to remove.
- To view a submitted abstract, click on the **View Proof** button next to the abstract you want to review. You will file as a PDF document.

CRE

## Submissions

Name/Email	Type	Control	Title	Submit On Date	Presentation Type	
Jennifer Fraser jfraser@biophysics.org	Early	A-11378	THIS IS A TEST ABSTRACT.&NBSP;	8/17/2020 7:59 PM	Poster or Oral Presentation	Presentation Type
Jennifer Fraser jfraser@biophysics.org	Early	A-11379	THIS IS ANOTHER TEST ABSTRACT	8/17/2020 8:03 PM	Poster or Oral Presentation	Presentation Type
Helmut Grubmuller hgrubmu@gwdg.de	Invited Speaker	I-11380	SINGLE MOLECULAR STRUCTURE AND FUNCTION AT THE DAWN OF EXASCALE COMPUTERS	9/9/2020 2:23 PM	Invited Speaker	Presentation Type

# Association Management

Built in

40 by 3  
Days Developers



Plant an App

CEO Clubs were able to reduce operational costs and increase the number of members from 200 to 600 by replacing manual spreadsheet based processes with a Plant an App portal.



The screenshot displays the user interface of the Plant an App portal. On the left is a navigation menu with the following items: Account, Dashboard, Events, Contacts, Groups, Members, Memberships, Newsletter, NewsNotifications, NotificationQueues, Partners, PartnerProspects, Admin Settings, Forms & Polls, Platform Settings, and Settings. The main content area shows the profile of Elena Codau, an Implementation Specialist, with an active membership status, an expiration date of 24 Jun 2021, and contact information. Below the profile is a tabbed interface with 'Membership' selected, showing a table of membership details.

Club	Name	Type	Price	Invoice Number	Status	Created on	View Invoice	Payment Status	Start Date
Club A	Annual	Individual	4000	0	Active	Wednesday, June 24, 2020		Pending	Wednesday, June 24, 2020

© 2016 - 2020 Powered by PlantAnApp.  
Version: 1.2.0

# Transport Management System

Customers



Partners



## Order & Resources Management

System to manage delivery orders, allocate resources, calculate routes, manage partners, build reports and plan ahead.

## Real Time Tracking

GPS integration to observe deliveries in real-time. Automated processes to correct predictions.

## Document Management

Printing shipping slips, collecting signatures, managing authorizations for special transports, partner contracts, travel permits and so on. Automated processes to work on document metadata.

Industry

Guns & Ammunition

# Transport Management System

Case Study

Built in

42 Days by 2 Developers



Nitro Nobel was able to reduce operational costs and **double** the number of transports with same resources. A lot of costs were saved by knowing in advance what paperwork needs renewed.



Dev Project

Romania Giurgiu > Romania Nadlac

Partner	DevPart	Status	Done
Start Date	01/09/2019	End Date	01/17/2019
Country of Dispatch	Romania	Recipient Country	Romania
Dispatch Custom Point	Giurgiu	Recipient Custom Point	Nadlac
Dispatch Client	Dev Client	Recipient Client	Dev Client

Short Description

Name	Total	Delivered	To be Delivered
Big Guns - ML8	20 pcs	0	20
Guns - ML7	10	10	0

Project Type

MyProjectType

COUNTRIES

PRODUCTS

Industry

Logistics

# Transport Management System

Case Study  
By Partner

Customers

Singleton  
solutions

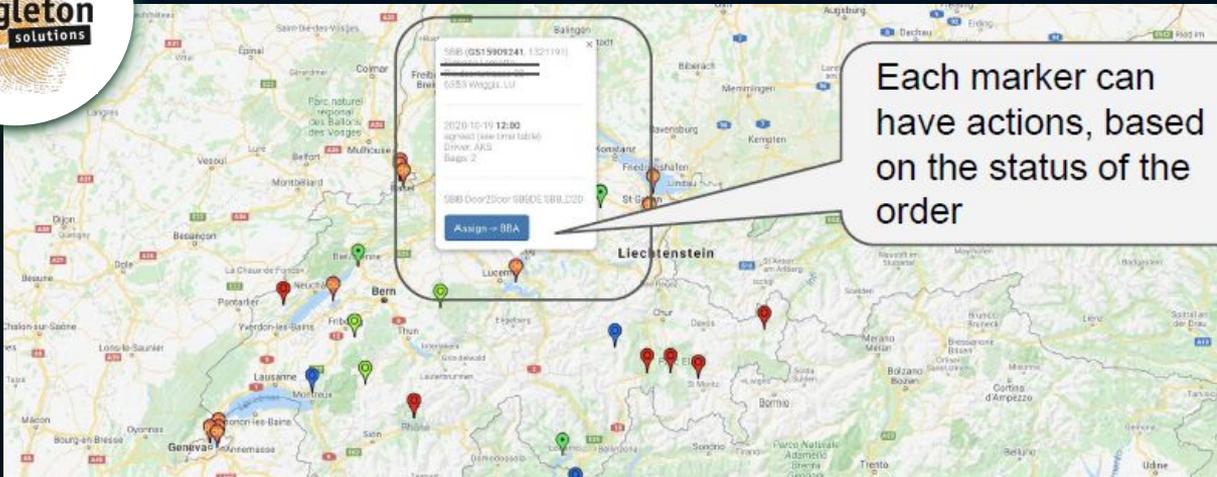
swissport

more drive  
AKS

SBB CFF FFS

Dispatching view for one of Singleton Solutions clients, which is a courier company. This company is delivering orders based on same and next day across Switzerland and neighboring countries.

Schedule Demo



Each marker can have actions, based on the status of the order

Step 1: Manage Tour

Basic information about a route (driver, car, starting time, etc.)

Step 2: Set Departure of Tour

Step 3: Apply Travel Time

Tour Luggage Stock

Tour ID: 113311  
 Date: 2020-10-19  
 Time: 09:00  
 Driver: BBA (XXXXXXXXXXXXXXXXXXXX)  
 Car: AKS Car

[Change Driver](#) [Save](#)



Step 5: (Optional) Assign Bin Location to Tour

## Customers



### Property Listing

Listing of properties with the ability to filter by various features, price, availability, location.

### Publishing

Homeowners have the ability to post properties with various attributes and update their status.

### Notifications

Users can subscribe to receive notifications about new properties that become available that are matching their search criteria.



# Property Listing Portal

Built in

2 Days by 1 Developers



Homeowners prefer to rent to hospital employees. Vail Health has built a portal to assist medical staff that relocates to Vail Valley find appropriate housing. It used to be a manual process done via telephone and spreadsheets.



View Properties

Completed

City: All

Property Type: All

Bedrooms: Any number

Bathrooms: Any number

Property Features

- Heating
- Air Conditioning
- Parking spot(s)
- Garage
- Laundry Washer
- Laundry Dryer
- Dishwasher
- Microwave
- Stove Top
- Oven
- Refrigerator
- Fully Furnished
- Pets Allowed
- Pets Negotiable
- Pets Not Allowed

Filter



Status: Published

Type: Townhome City: Edwards

Address: 880 Homestead Dr. Unit 12

Bathrooms: 3 Bedrooms: 3

Rent: \$2,400.00



Status: Published

Type: Townhome City: EagleVail

Address: 54 Columbine Cir

Bathrooms: 3 Bedrooms: 4

Rent: \$4,800.00



Status: Published

Type: Condo City: Avon

Address: 1061 W. Beaver Creek

Bathrooms: 2 Bedrooms: 2

Rent: \$1,900.00



Status: Published

Type: Duplex City: Edwards

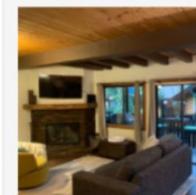
Address: 208 River Ranch Rd



Status: Published

Type: Townhome City: Edwards

Address: 277 Beard Creek Rd. Unit H1



Status: Published

Type: Condo City: Vail

Address: 2958 S. Frontage Road

## Customers



### COVID-19 Testing Management

Systems that help keep track of the testing process, from scheduling to check-ins and reporting.

### Online Programs

Some programs had to move online, which generated demand for new systems.

### Alerting Systems

As people got infected with COVID-19, it was crucial to keep track and notify people that shared the same space.



# Covid-19 Student Testing

Built in

2 Days by 1 Developers

Faced with the government decision that all students that change households during holidays should be tested, the University of Strathclyde needed a system to keep track of the status for 20,000 students.



## COVID Testing

[Return to My Christmas Break dashb](#)

Please select a date from 'Availa

Available Appointments

- Thu, 17 Dec

Can't find a suitable appointment?

Check back later as

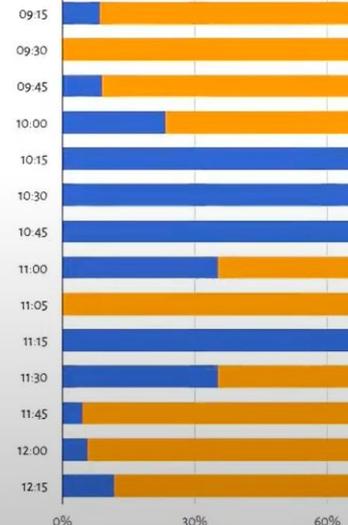
## 14/12/2020 Appointments

### Session Usage

ApptTime	Available	Booked	Attend	No Show
09:15	2	0	21	0
09:30	0	0	17	0
09:45	2	0	20	0
10:00	4	0	13	0
10:15	16	0	6	0
10:30	12	0	6	0
10:45	21	0	1	0
11:00	6	0	11	0
11:05	0	0	1	0
11:15	22	0	0	0
11:30	6	0	11	0
11:45	1	0	21	0
12:00	1	0	15	1

### Session Usage

Available Booked Attend





# Case Study

5 Days to MVP delivery

1 Developers in team

Harvest License

# Online Doctor Appointment Scheduling

Appointments were done manually through the call center. With the rise of COVID, they needed a **self-service system that automates appointments and video conferencing for telemedicine consultations.**



### Appointments

New

Id	Patient name	Specialist name	Location
1	radu	John	DHCC
2	rads	John	DHCC
4	asd 32	John	West clinic
6	Radu	John	DHCC
14	stefan	John	DHCC
15	Andre	John	DHCC
16	Ilie	John	DHCC
17	cristi	John	DHCC
18	george	John	DHCC
19	stefan	John	DHCC

### Add Appointment

Specialist name: John

Location: DHCC

Patient name: Niculcea Radu

Patient email: niculcea.radu@gmail.com

Patient phone number: (201) 555-2333

Consultation type: Follow Up 3 Months

Appointment date: 08-18-2020

Appointment time: 8/18/2020 2:10:00 PM, 8/18/2020 2:45:00 PM, 8/18/2020 3:20:00 PM, 8/18/2020 3:55:00 PM

Status

Industry

Healthcare

# Self Assessment for Health Apps

Case Study

Built in

12

Days

by

1

Developers



Assessment

Does the app provide clear information about the publisher/vendor of the app?

YES

MAYBE

NO

PREVIOUS QUESTION

Progress Status

The market for medication is very regulated by the FDA. However, the market for health related mobile apps is not. The purpose of this system is to build similar processes where mobile apps have to be approved first by the institution before doctors can recommend them to patients



## Organizational Policy

Section Result: **HITEQ Analyzer Identified Critical Issues** | Section Trust Level: 60%

Question	Answer	Score	Mentions
Is the app selling a product or therapy?	Maybe	5	General Issues Identified If there is no documentation on whether the app is for sale, caution should be used.
Is there specific and clearly outlined information about the pricing and terms of agreement associated with the app?	Maybe	5	General Issues Identified Pricing information or whether in-app purchases should be researched before suggesting/prescribing.
Does the app promote a social/ political agenda?	No	10	

The logo for HES (Health Electronic System) is displayed in a stylized blue font with a white outline, set against a white circular background.

20 Days to go live

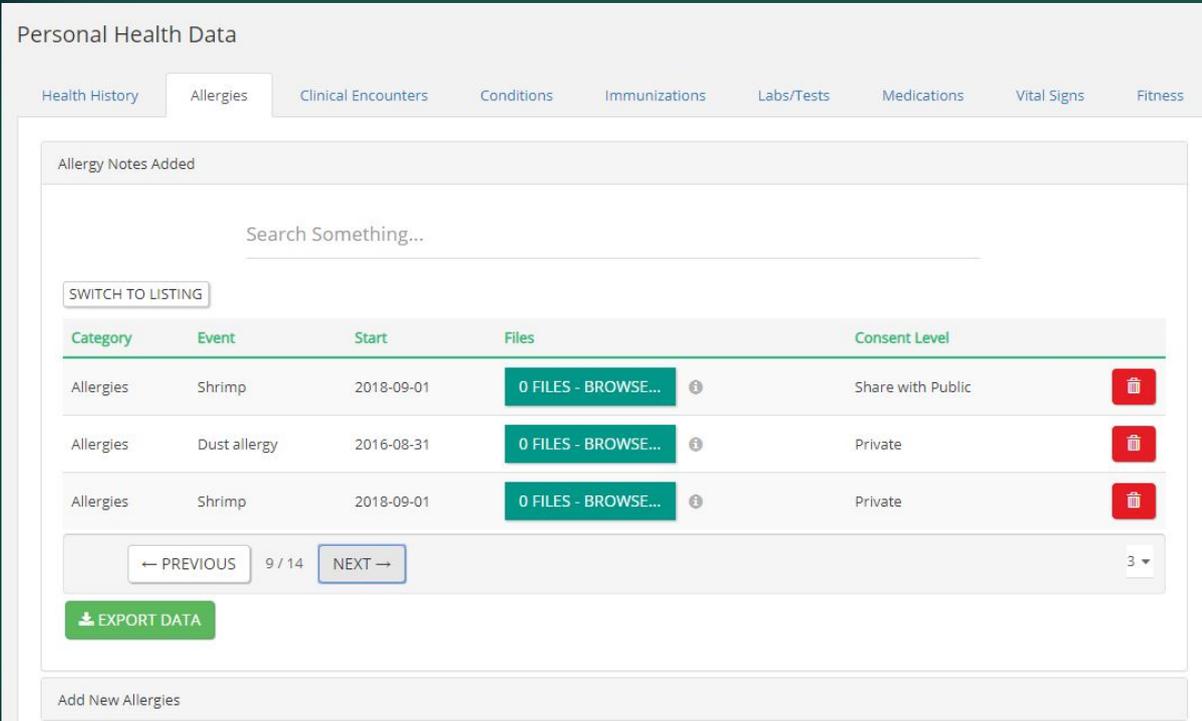
1 Developers in team

Case Study

Harvest License

# eHealth Profile

Online Patient Record system to manage allergies. It was integrated with Blockchain to provide an immutable audit trace mechanism for patient data.

A screenshot of a web application interface titled "Personal Health Data". The interface features a navigation bar with tabs for "Health History", "Allergies", "Clinical Encounters", "Conditions", "Immunizations", "Labs/Tests", "Medications", "Vital Signs", and "Fitness". The "Allergies" tab is selected. Below the navigation bar, there is a section titled "Allergy Notes Added" with a search bar and a "SWITCH TO LISTING" button. A table displays three allergy entries, each with columns for "Category", "Event", "Start", "Files", and "Consent Level". The "Files" column contains a "0 FILES - BROWSE..." button and an information icon. The "Consent Level" column shows "Share with Public", "Private", and "Private" for the three entries, each with a trash icon. At the bottom of the table, there are navigation buttons for "PREVIOUS" and "NEXT", a page indicator "9 / 14", and a dropdown menu showing "3". Below the table is a green "EXPORT DATA" button with a download icon. At the very bottom, there is a section titled "Add New Allergies".

Category	Event	Start	Files	Consent Level
Allergies	Shrimp	2018-09-01	0 FILES - BROWSE...	Share with Public
Allergies	Dust allergy	2016-08-31	0 FILES - BROWSE...	Private
Allergies	Shrimp	2018-09-01	0 FILES - BROWSE...	Private

 DEMO

- All sales demos are being done live
- They require tech people to run them, which increases costs
- Platform that allows salespeople to run pre-built robots
- Robots communicate with the platform for interactivity
- PoC Built in 4 days



# Various Applications

Case Study

Audit and Compliance Management

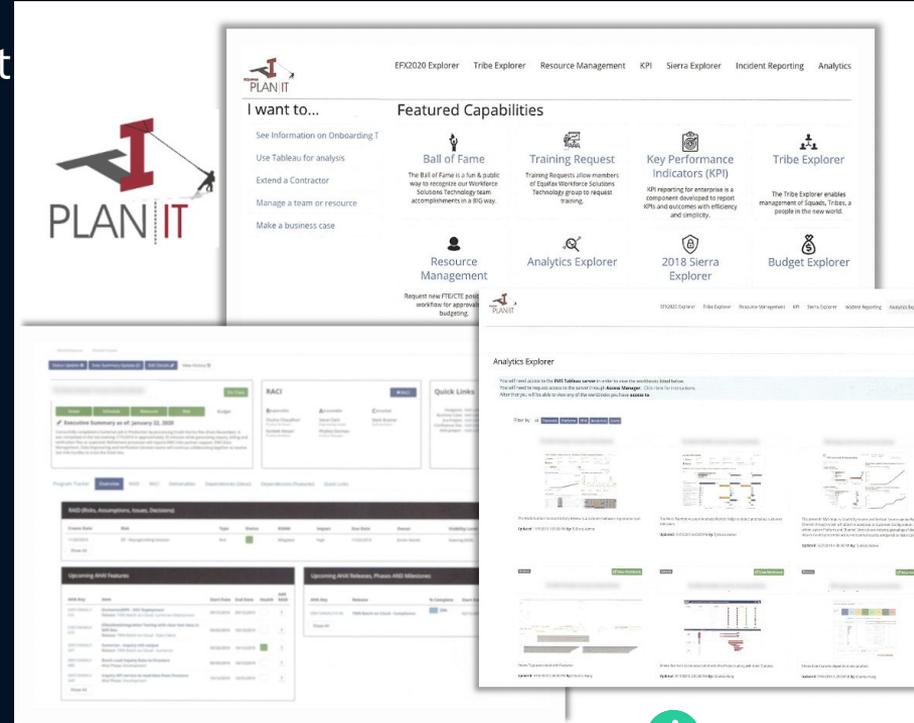
Incident Management

Client-facing Value Proposition Generation

Employee Recognition Program

Analytics Curation and Governance

Resource Manager





# Enterprise Wide Search

- Content from 6 different Oracle and MSSQL databases
- Index document libraries
- Implemented granular access permissions
- Built in 3 days



# OC-Care Mobile Backend

Case Study

- Backend for Service Requests mobile app
- Over 60 APIs built with Plant an App
- SSO with Okta
- Integrates with internal and external systems such as FedEx
- Built in 4 weeks



## How Plant an App does it so fast

Low-code delivers apps **80% faster** than traditional custom development

Customers have a **good understanding** of what is the solution they needed

Customer **feedback is incorporated nearly instantly** in 80% of the cases

Doesn't rely heavily on the use of **IT talent, which is scarce**

# The Proof Of Concept

**Validate** with a **small budget** before making a long-term commitment.

1

Pick the **most important** piece of functionality

2

Delivered within 1 week on a **small budget** by our Customer Success team

3

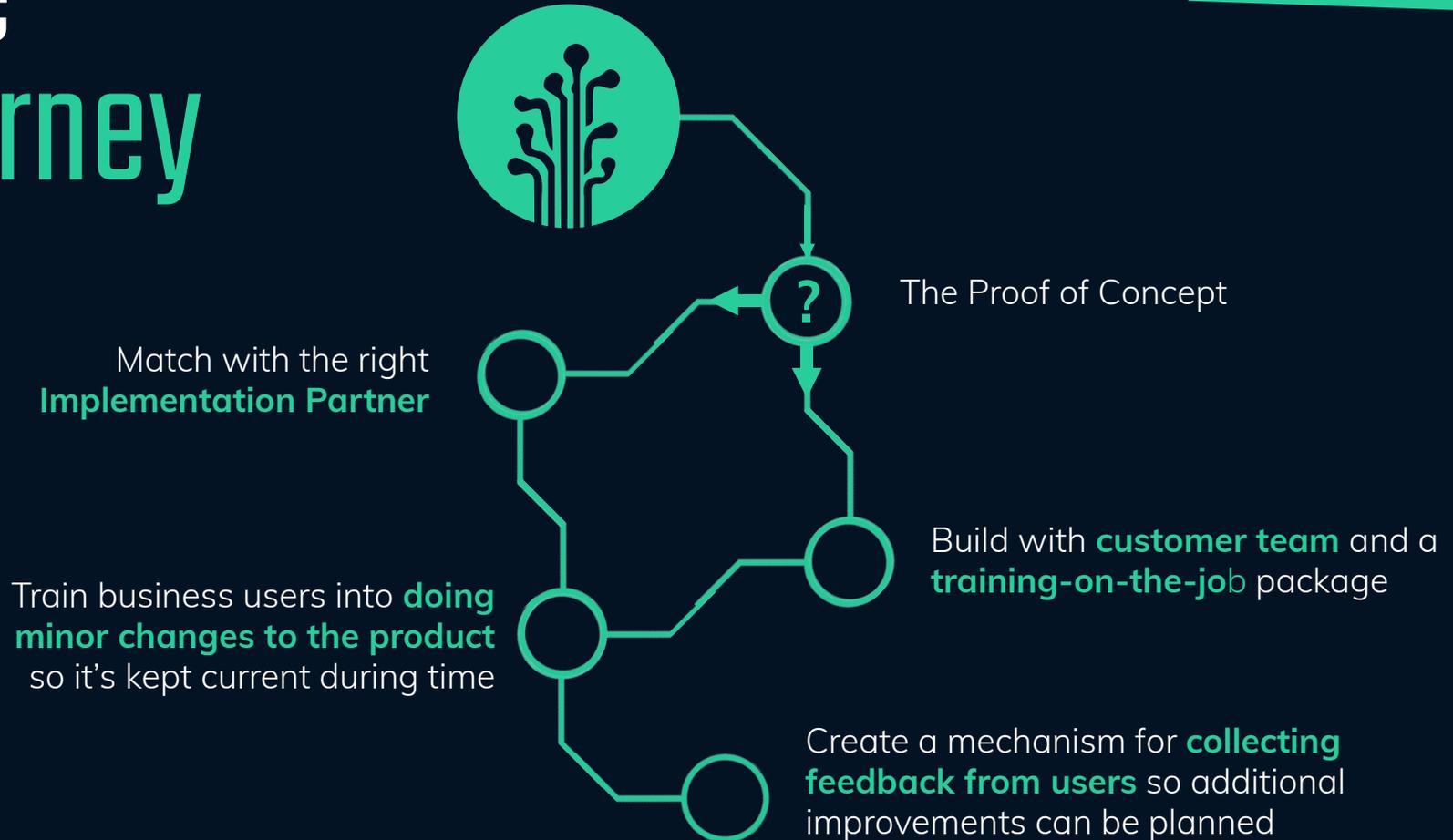
**Demo** to stakeholders and **validate** concepts

4

**Plan** development and release cycles

# The journey

Next Steps



# Representative Customers

inrule

**EQUIFAX**

novomed<sup>®</sup>  
by DrMax

  
Omnicell

**JSI**

  
VAIL HEALTH

  
University  
of Idaho

  
College of  
Alberta  
Psychologists

**BizInfo**  
SOLUTIONS

  
QUERCUS IT

**OMAHA+**  
Public  
Schools



# 4 LEVELS OF SOFTWARE DEVELOPMENT



Software Engineers

## CORE EXTENSIONS

Platform-level modifications and enhancements

Over 30 extensions points



Low-code Engineer

## CODE

Open API to **integrate with any custom applications** in your own technology stack

predefined connectors, modules & add-ons

Integrate with your own **custom front-ends**



Citizen Developer

## LOW CODE

Eliminate **redundant** word

Defining **actions & workflows** easily, but with **advanced customization capabilities**



Business Users

## NO CODE

Eliminate **repetitive** or redundant work

**No-specs communications** with other stakeholders

**DID YOU KNOW?** over 90% of software developers time is **spent on tasks that can be solved with lowcode or nocode**

# About Us

Serving over  
4,000 customers  
since 2009

DNN Sharp Established 2009

Market leader in niche Developer Tools Space  
since 2013

Offices in US, Singapore and Romania

Over 4,000 lifetime customers

Plant an App spun-off as a low-code  
development platform in 2019



Plant an App

DNN  SHARP

# Gartner (2019)

By 2024, **low-code** will be responsible for more than **65 percent** of application development.

Three-quarters of large enterprises will be using **at least 4 low-code** development tools.



# Gartner (2020)

By 2023, over **50%** of medium to large enterprises will have adopted an LCAP as one of their **strategic application platforms**.





Plant an App

a **500** company

# The next-gen

Low-Code Development Platform

Bogdan Litescu

[bogdan.litescu@plantanapp.com](mailto:bogdan.litescu@plantanapp.com)

[www.plantanapp.com](http://www.plantanapp.com)

