



LegacySecure

trust. imagine. protect.



End-User Verification



The Problem

According to industry experts: counterfeiting, sustainability, engaging with customers, production, quality control, and efficiency are all major concerns. Currently, sustainability and transparency is trending to the forefront of industries as end-consumers are becoming more cognizant of their ecological footprint and their health.



Inability to Authenticate



Lack of Transparency in Supply Chain



Lack of Tech Infrastructure



Lacking Ability for Data-Driven Measurement



Banned Advertising of Tobacco Products in the U.S.

Leads to...



- **Limited insight into consumer behavior**
- **Inability to manage cost effectively**
- **Inability to improve operational efficiency**
- **Quality control issues**
- **Lack of trust**
- **Regulatory issues**
- **Untapped revenue**
- **Consumers have limited knowledge about product**

The Solution



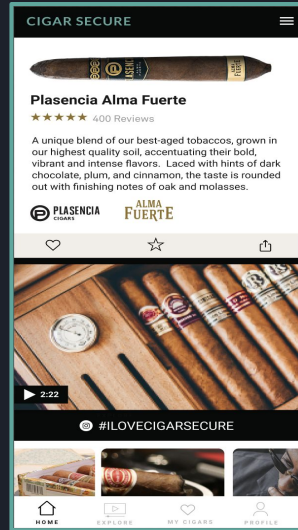
- ✓ Using the CigarSecure™ application (available on iOS/Android), end-users will be able to place their device near a smart chip on the label of a cigar (or product) anywhere in the world.
 - 1 » validate its authenticity,
 - 2 » see the provenance of the cigar (its history throughout the chain-of-custody/supply chain),
 - 3 » receive and engage with unique promotional/marketing content directly from brands, and
 - 4 » anonymously rate individual cigars.
- ✓ The CigarSecure™ application gathers data on the end-user and funnels it into a dashboard.
- ✓ This dashboard empowers brands by displaying customer behavior and buying patterns, history, demographics, and eventually LegacySecure will build in an AI to predict individual customer behavior region by region.

Products at a Glance

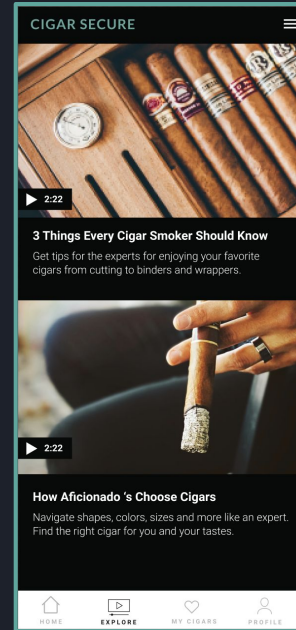
» Mobile / Web Application



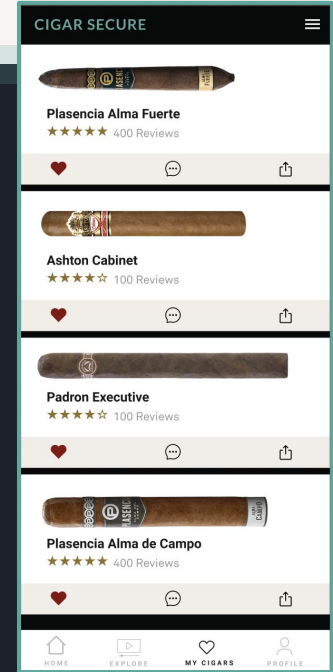
Authentication Screen



Product Screen



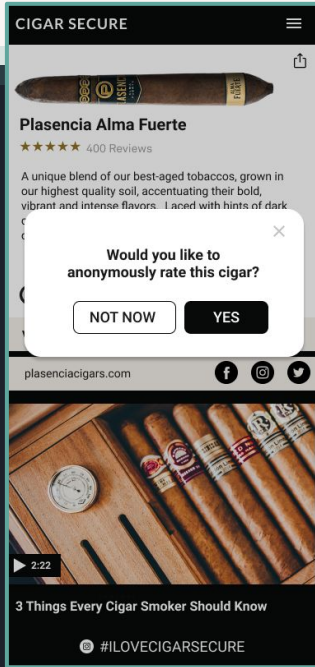
Explore Screen



Favorites Screen

Products at a Glance

» Ratings System Application



Rating Popup

Rating Screen: Step 1

This screen is the first step of the rating process. It features a header with the brand name 'Plasencia' and a close button. Below the header is a large image of a cigar. The main section is titled 'Appearance and Construction' with a sub-header '(15 of 100 points)'. It includes a rating input field with a '0' and a prompt 'Enter a value between 1 and 15'. Below this is a section titled 'QUESTIONS TO ASK YOURSELF?' with three questions: 'Is the wrapper/cigar consistent in color and shape?', 'When held, does the cigar feel firm and give off a slightly oily moistness?', and 'What was the experience emotionally, physically, and spiritually when smoking this cigar?'. At the bottom, there's a 'WANT A HINT?' button and a progress bar labeled 'Cigar Aficionado Rating System'.

Rating Screen: Step 2

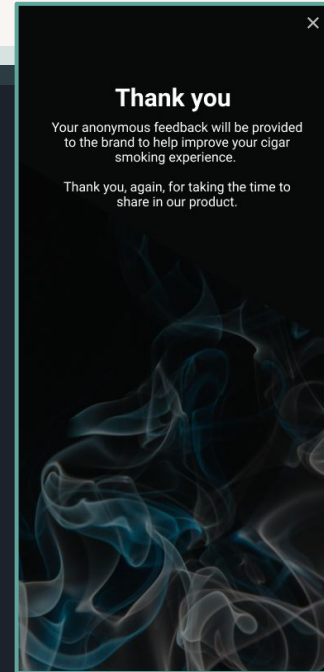
This screen is the second step of the rating process. It features a header with the brand name 'Plasencia' and a close button. Below the header is a large image of a cigar. The main section is titled 'Overall Impression' with a sub-header '(35 of 100 points)'. It includes a rating input field with a '0' and a prompt 'Enter a value between 1 and 35'. Below this is a section titled 'QUESTIONS TO ASK YOURSELF?' with three questions: 'How did this cigar make you feel?', 'What did you like best? What did you like least?', and 'What was the experience emotionally, physically, and spiritually when smoking this cigar?'. At the bottom, there's a 'WANT A HINT?' button and a progress bar labeled 'Cigar Aficionado Rating System'.

Rating Screen: Step 3

This screen is the third step of the rating process. It features a header with the brand name 'Plasencia' and a close button. Below the header is a large image of a cigar. The main section is titled 'Appearance and Construction' with a sub-header '(15 of 100 points)'. It includes a rating input field with a '0' and a prompt 'Enter a value between 1 and 15'. Below this is a section titled 'QUESTIONS TO ASK YOURSELF?' with three questions: 'Is the wrapper/cigar consistent in color and shape?', 'When held, does the cigar feel firm and give off a slightly oily moistness?', and 'What was the experience emotionally, physically, and spiritually when smoking this cigar?'. At the bottom, there's a 'WANT A HINT?' button and a progress bar labeled 'Cigar Aficionado Rating System'.

Rating Screen: Step 4

This screen is the fourth step of the rating process. It features a header with the brand name 'Plasencia' and a close button. Below the header is a large image of a cigar. The main section is titled 'Overall Impression' with a sub-header '(35 of 100 points)'. It includes a rating input field with a '0' and a prompt 'Enter a value between 1 and 35'. Below this is a section titled 'QUESTIONS TO ASK YOURSELF?' with three questions: 'How did this cigar make you feel?', 'What did you like best? What did you like least?', and 'What was the experience emotionally, physically, and spiritually when smoking this cigar?'. At the bottom, there's a 'WANT A HINT?' button and a progress bar labeled 'Cigar Aficionado Rating System'.



Rating Submission Screen

Project Objectives



LegacySecure seeks to work with brands in the Cigar Industry to **proliferate transparency**, and usher the aficionado into a more **intimate relationship** with their cigar and brand. LegacySecure also seeks to **empower brands** to use data to make data-driven decisions regarding marketing and customer acquisition in order to better **understand their customer** and **drive revenue**.

How do we do it?

CigarSecure™ application is powered by:

1 » The latest in Internet of Things technology

2 » Cutting-edge encryption technology
developed by senior cybersecurity engineers

The background of the slide is a composite image. The top half shows a vast cornfield under a dark, cloudy sky. The bottom half shows a close-up of tobacco plants with large, dark green leaves. A dark horizontal band across the middle contains the title text.

Environmental Monitoring System



The Problem

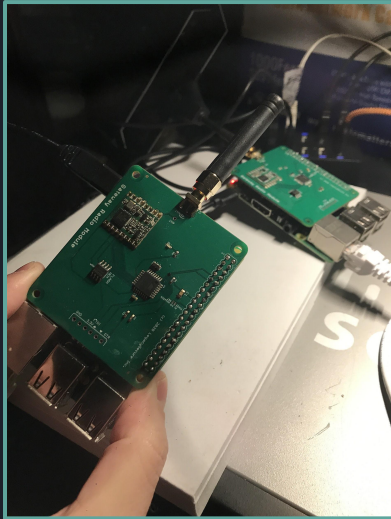
- ✗ The cigar making process lacks data transparency.
- ✗ This lack of transparency leads to inefficiencies within the system.
- ✗ There is a lack of modern digital infrastructure leading to a lack of useful data on the fermentation process limiting the potential output of the system.

The Solution

- ✓ Using the patent-pending LegacySecure EMS system and specialized hardware designed specifically for the cigar industry, manufacturers can monitor moisture content, temperature, humidity, pressure, and CO2 emission of Pilonos (eventually manufacturers will be able to monitor and log data [easily accessible through a dashboard/app] from seed to product).
- ✓ By gathering and analyzing data on the Pilonos, manufacturers will be able to make data-driven decisions and increase yields of valuable tobacco while decreasing spoilage and time inefficiency among workers.
- ✓ Managers will be able to monitor the Pilonos at any site, at any time of day/night remotely.

Products at a Glance

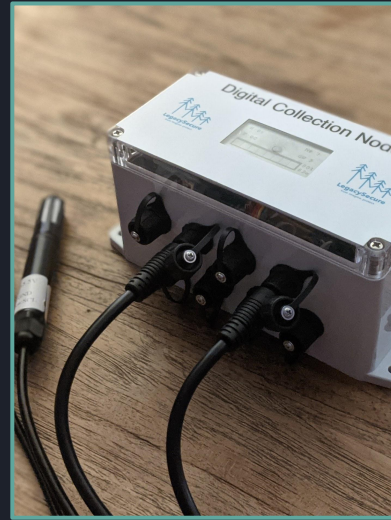
» Environmental Monitoring System



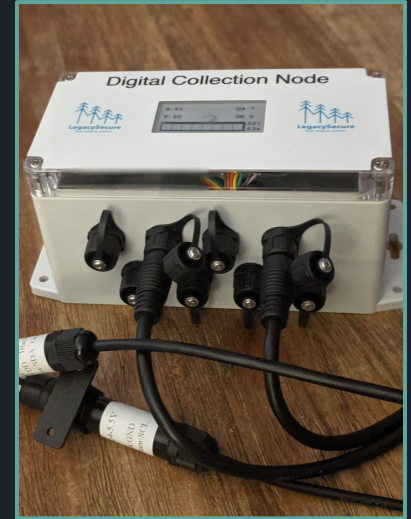
Circuit Board



Gateway



Digital Collection Node (v1)
+ Sensors



Digital Collection Node (v1)
+ Sensors

Products at a Glance

» EMS Application

The Admin Screen displays the 'Plasencia Cigars Settings' page. It includes sections for Alerts (High Temperature toggle), Groups (Plasencia Users), and Sites. The Sites section features a table with columns for LABEL, NAME, and a dropdown menu. The table lists 10 sites, each associated with a specific building (Building 1) and node (Node 1 through Node 10). Buttons for 'ADD A SITE' and 'ADD A NODE' are visible. At the bottom, there are 'CANCEL' and 'SAVE' buttons.

| LABEL | NAME | |
|---------|---------|--------------|
| 1000005 | Node 1 | Building 1 v |
| 1000006 | Node 6 | Building 1 v |
| 1000024 | Node 2 | Building 1 v |
| 1000022 | Node 3 | Building 1 v |
| 1000026 | Node 4 | Building 1 v |
| 1000028 | Node 8 | Building 1 v |
| 1000032 | Node 9 | Building 1 v |
| 1000034 | Node 1 | Building 1 v |
| 1000038 | Node 7 | Building 1 v |
| 1000016 | Node 10 | Building 1 v |

Admin Screen

The Dashboard Screen displays real-time data for 'Item xyz'. It shows a humidity reading of 53.36 and a temperature reading of 14.17. Below these readings are two line charts: 'HUMIDITY' and 'TEMPERATURE °C'. Both charts show a peak around 12/24/20. The humidity chart has a data point labeled '20' and the temperature chart has a data point labeled '20'. Navigation arrows are visible on the left and right sides of the charts. At the bottom, there is a pagination indicator: '1 of 8 NEXT'.

Dashboard Screen

The mobile view of the LegacySecure application displays real-time data for 'Item xyz'. It shows a humidity reading of 53.36 and a temperature reading of 14.17. Below these readings are two line charts: 'HUMIDITY' and 'TEMPERATURE °C'. Both charts show a peak around 12/24/20. The humidity chart has a data point labeled '50' and the temperature chart has a data point labeled '50'. Navigation arrows are visible on the left and right sides of the charts. At the bottom, there is a pagination indicator: '1 of 8 NEXT'.

(mobile view)

How do we do it?

- 1 » LegacySecure uses the latest in wireless Internet of Things technology.
- 2 » We have developed a proprietary hardware/software solution for cigar manufacturers.
- 3 » This technology allows you to monitor, collect, and display data in real time.

Project Objectives



LegacySecure seeks to work with manufacturers in the Cigar Industry to make the supply chain transparent in order to empower manufacturers with new data on their product and processes to increase the quality of the product, increase yield, decrease spoilage, and, as a result, drive revenue.