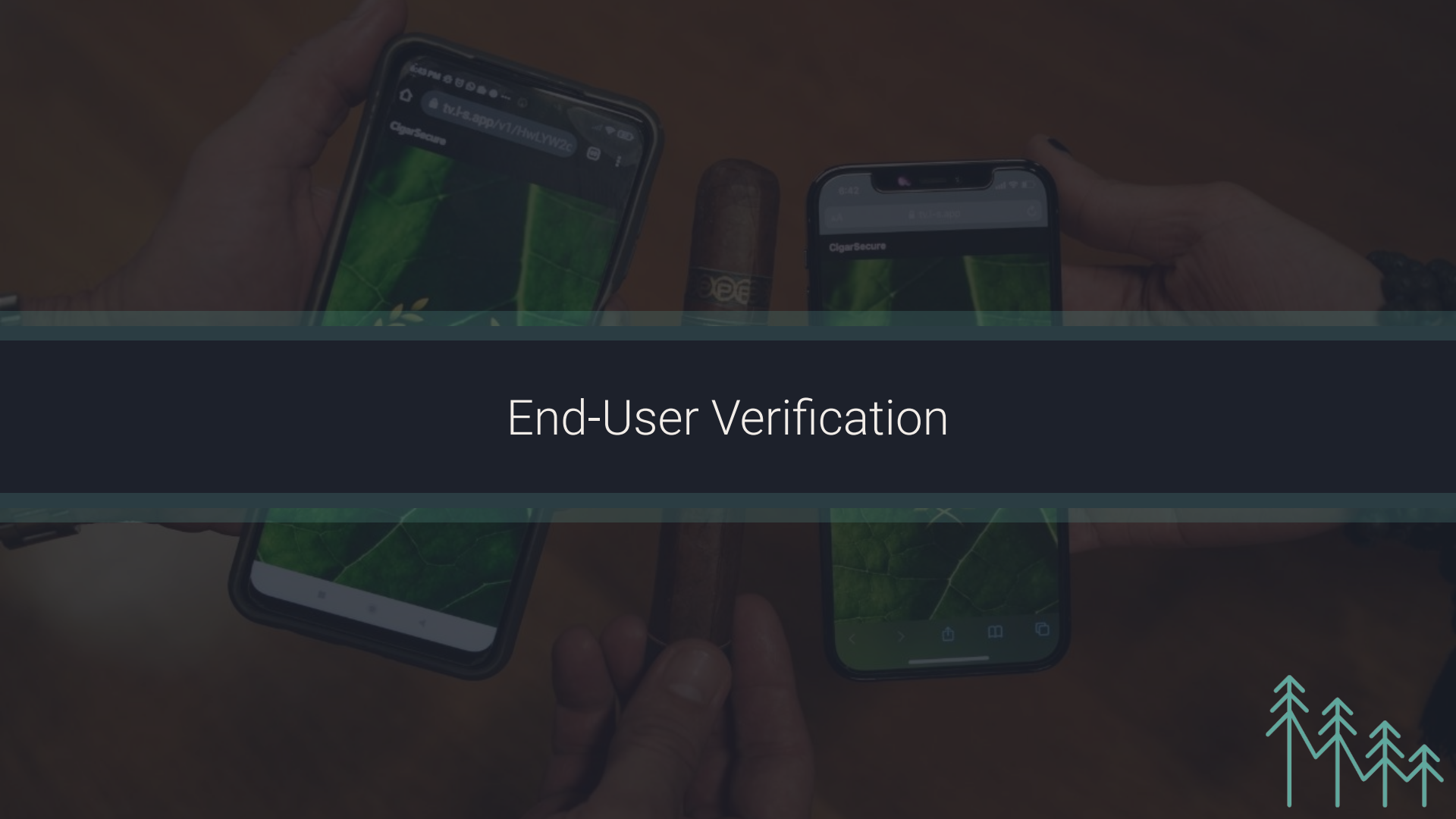
LegacySecure
trust. imagine. protect.



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**

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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.

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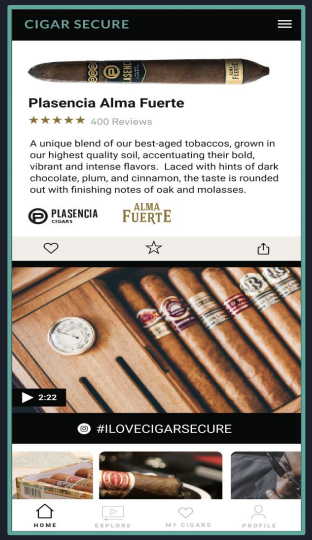
Products at a Glance

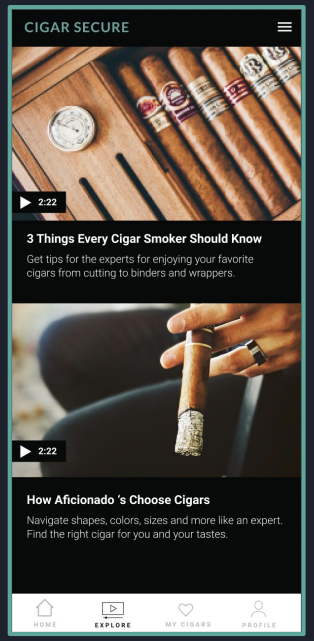
» Mobile / Web Application

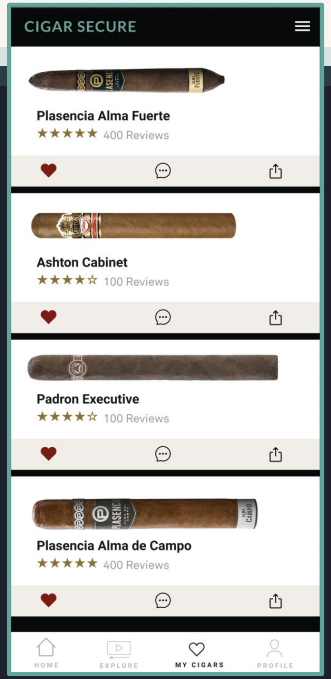
Authentication Screen

Product Screen



Explore Screen





Favorites Screen

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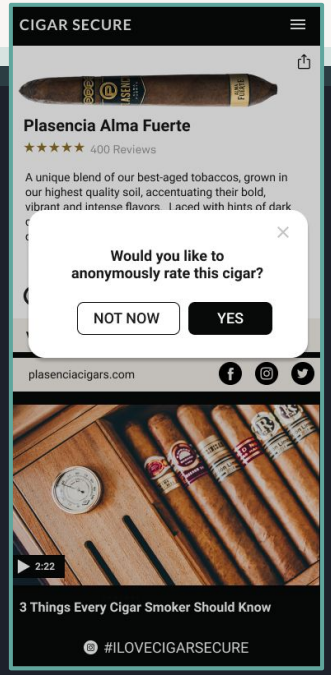
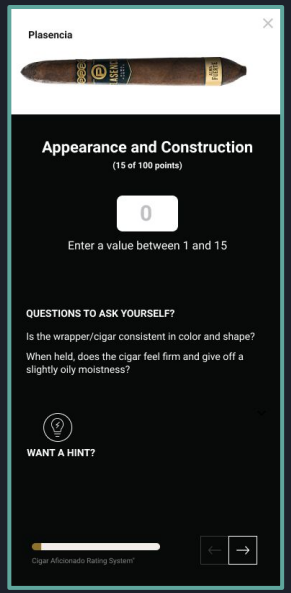
Products at a Glance

» Ratings System Application

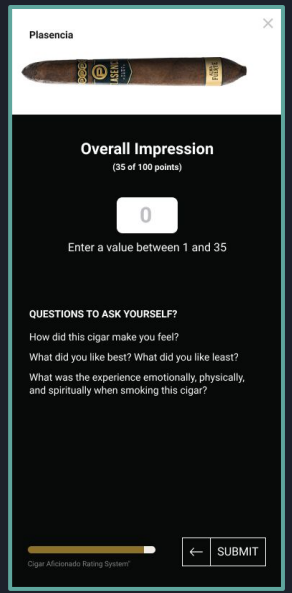


Rating Popup

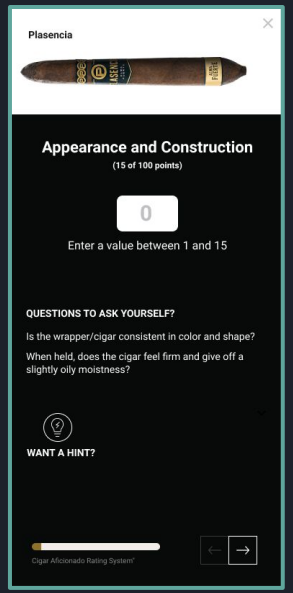
Rating Screen: Step 1



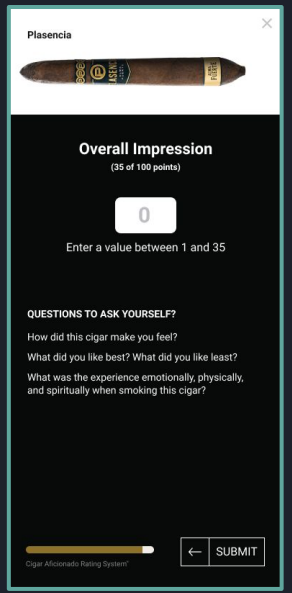
Rating Screen: Step 2

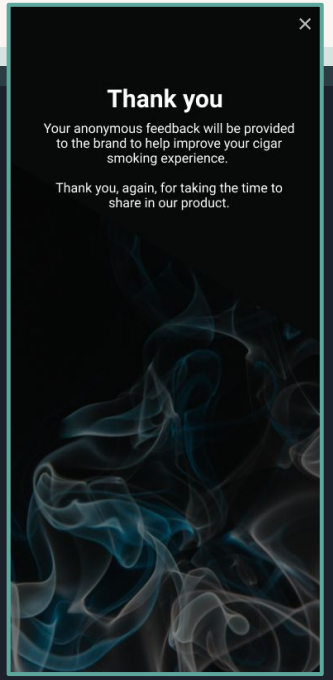


Rating Screen: Step 3



Rating Screen: Step 4





Rating Submission Screen

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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**.

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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**

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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.

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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 Pilones (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 Pilones, 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 Pilones at any site, at any time of day/night remotely.

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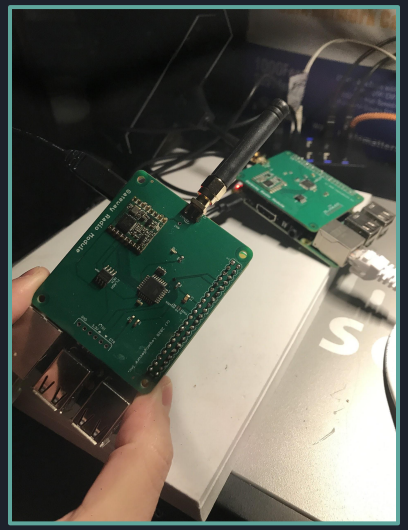
Products at a Glance

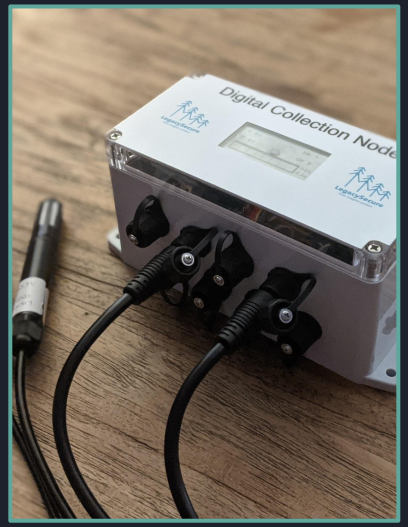
» Environmental Monitoring System



Circuit Board

Gateway

Digital Collection Node (v1)
+ Sensors



Digital Collection Node (v1)
+ Sensors

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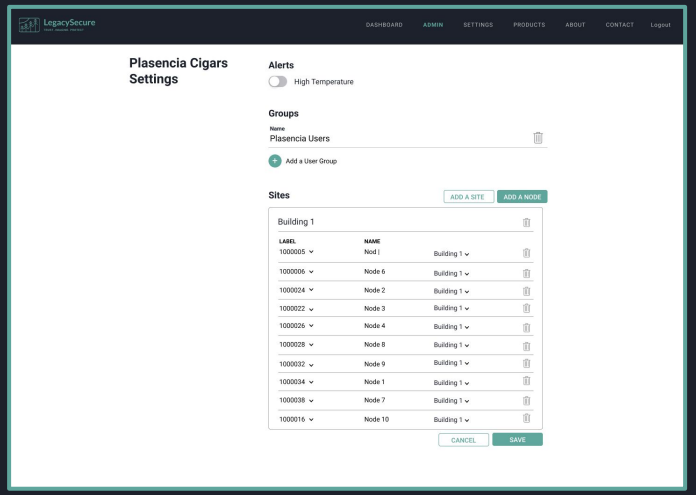
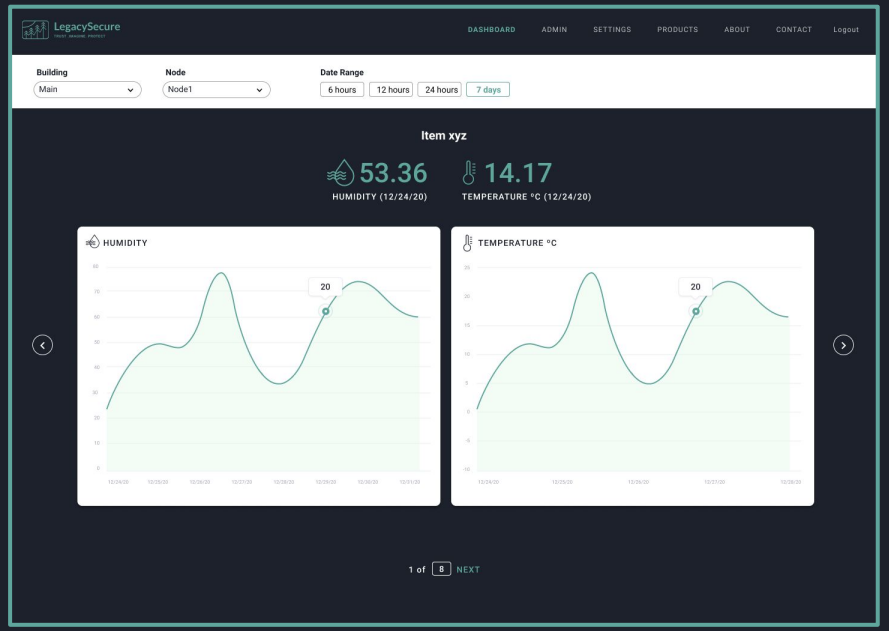
Products at a Glance

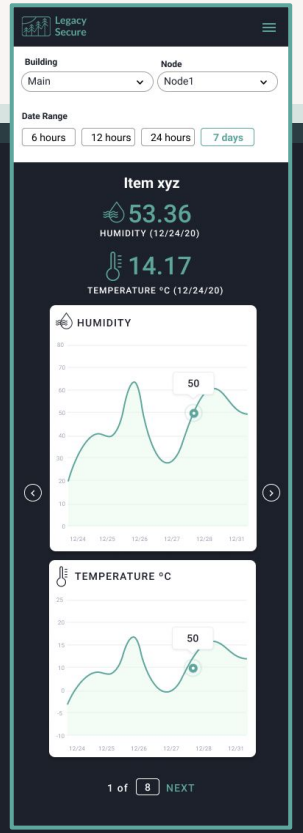
» EMS Application



Admin Screen



Dashboard Screen



(mobile view)

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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.

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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.

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