

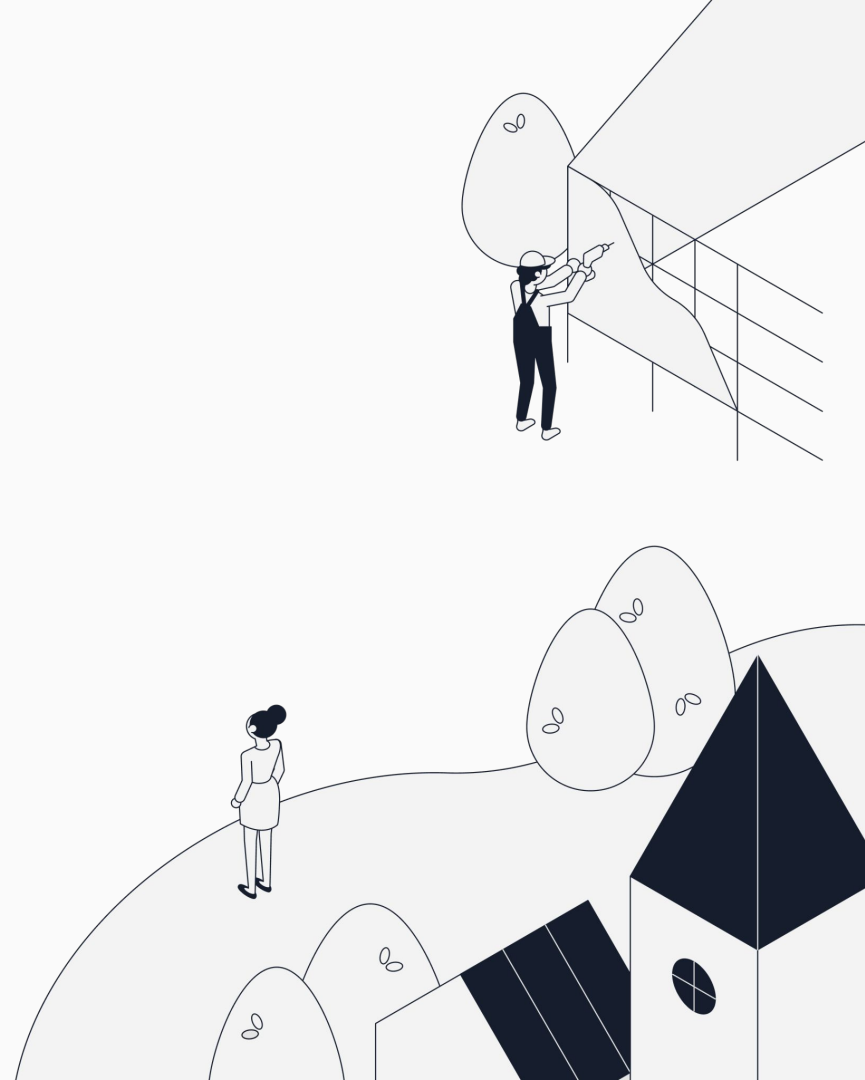
Preparing for Hurricane Season

withforerunner.com



Housekeeping

- This presentation is being recorded.
- The recording and presentation will be shared via email and posted on our blog.
- Use the Q+A or the Chat to ask questions.
- Complete the post-attendance survey to receive your ASFPM CEC or ICC CEU. The certificate(s) will be sent via email to you shortly after the webinar.



Agenda

- 1 **Forerunner Overview**
- 2 **Preparing for Hurricane Season**
- 3 **Case Study**
- 4 **Walkthrough**

Agenda

- 1 **Forerunner Overview**
- 2 Preparing for Hurricane Season
- 3 Case Study
- 4 Walkthrough

THE CHALLENGE

**Emergency
management
matters more
than ever.**



PARTNERS

We work with over
145 of the most
at-risk communities
throughout the U.S.



Florida Division of
Emergency Management



California Department of
Water Resources



Mississippi Emergency
Management Agency



Mississippi Insurance
Department



Harris County
Texas



Miami
Florida



Jefferson Parish
Louisiana



Chatham County
Georgia



Pasco County
Florida



Nashville
Tennessee



Cedar Rapids
Iowa



St Charles County
Missouri



Raleigh
North Carolina



Santa Barbara County
California



Lee County
Florida



Georgetown County
South Carolina

Forerunner creates a system of record for your disaster response workflows.



Household-Level Damages

Forerunner's app accelerates PDAs and SDEs, auto-updating dashboards to fast-track substantial damage decisions.



Debris Management

Forerunner's debris tools map pickups, track cubic yards, and log tickets to produce FEMA-ready records instantly.



Public Portal

Forerunner's public portal shares property-level status and allows public submissions without exposing sensitive data.



Public Infrastructure Damages

Field crews can map damaged bridges, roads, and utilities, helping streamline PA documentation.



Grant Management

Forerunner stores worksheets, cost shares, and compliance documents in one place, keeping you audit-ready from start to finish.



Mailing Automation

Forerunner helps you generate, send, and track mail with ease. Reduce manual work, keep your team aligned, and make sure no communication slips through the cracks.

Agenda

- 1 Forerunner Overview
- 2 Preparing for Hurricane Season**
- 3 Case Study
- 4 Walkthrough

Preparing for the disaster life cycle is critical for all communities, especially at-risk communities.



The importance of preparation.

- Reduces recovery time
- Avoids compliance issues
- Enables better data collection
- Improves resource recovery
- Protects the public



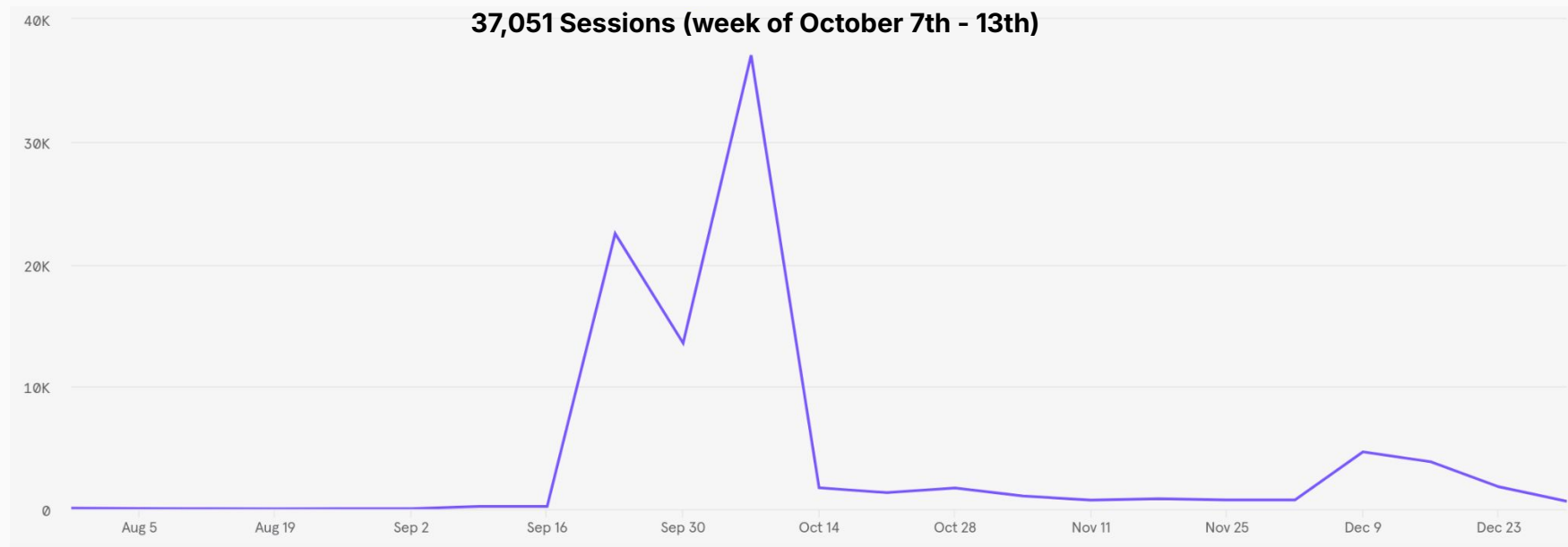
Before a storm.

- Create a community-wide database and designate properties within the SFHA
- Update SI/SD database with ordinances and cumulative substantial improvement
- Identify buildings that are below base flood elevation and are vulnerable to damage
- Anticipate service outages and data challenges
- Evaluate staffing needs and tools – train staff accordingly



Resident inquiries spike

Florida Community Public Website Sessions (per week)



Immediate aftermath.

- Incorporate post-disaster imagery
- Proactively assess and document damage through Preliminary Damage Assessments (PDA)
- Use PDA data to identify potential Substantially Damaged structures
- Generate Substantial Determination Letters for all impacted properties
- Notify property owners of substantially damaged structures
- Review permit applications, report costs, and make final Substantial Damage determinations – track in an SI/SD database
- Decide to share Substantial Damage determination publicly or not

× | Add new Preliminary Damage Assessment

Preliminary Damage Assessment

442 Midway Island, Clearwater, FL 33767

Date of assessment*

05/21/2024

Primary type of damage*

Select...

Secondary type of damage

Select...

Tertiary type of damage

Select...

Is the structure accessible?*

Select...

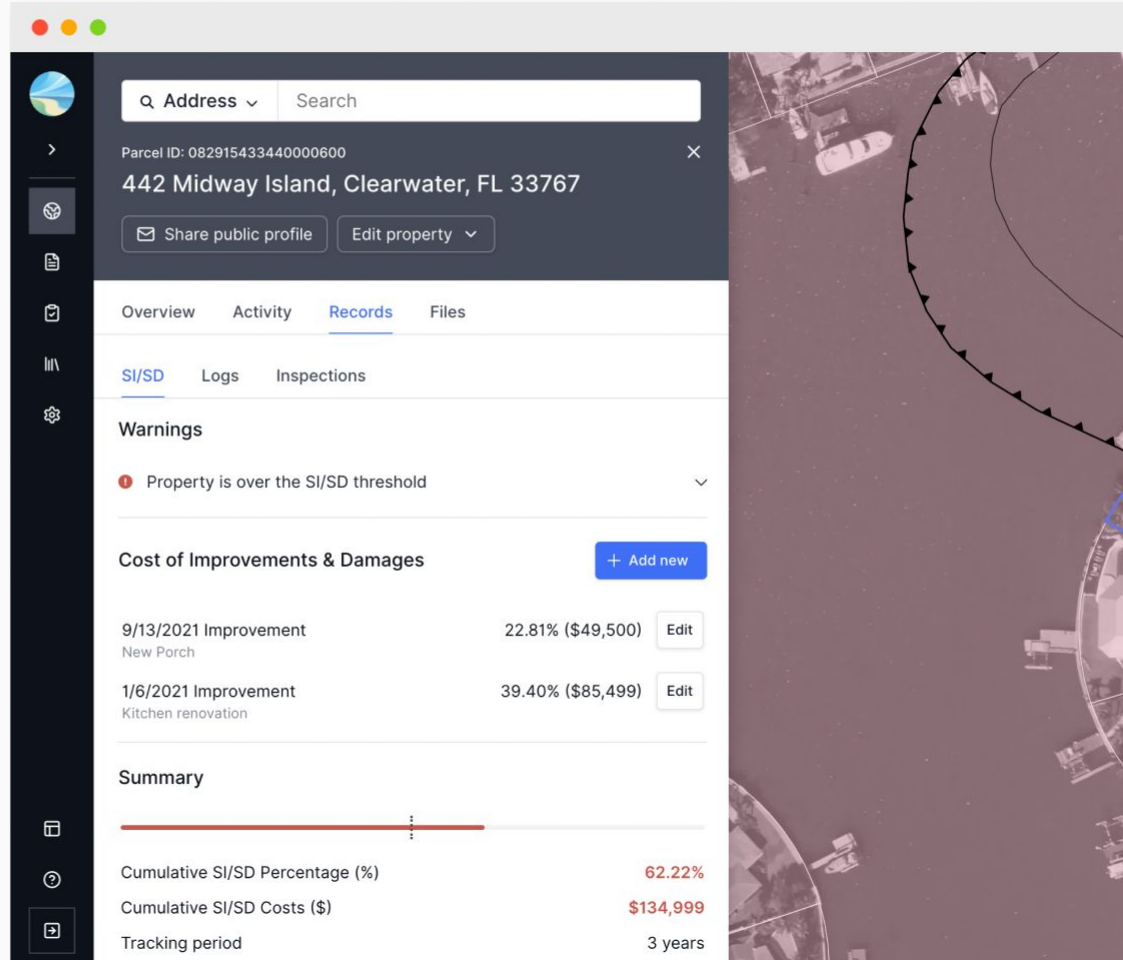
Structure use*

Select...

Type of structure*

Post-storm recovery.

- Manage the properties with Substantial Damage determinations
- Schedule Substantial Damage Determination appeals to discuss options with property owners and offer to submit private appraisal
- Request disaster data from FEMA through an ISAA
- Update Repetitive Loss Property database and ensure data security and controls
- Manage SI/SD database during rebuilding efforts to ensure building and local floodplain management program compliance



Parcel ID: 082915433440000600
442 Midway Island, Clearwater, FL 33767

Share public profile Edit property

Overview Activity **Records** Files

SI/SD Logs Inspections

Warnings

Property is over the SI/SD threshold

Cost of Improvements & Damages + Add new

9/13/2021 Improvement New Porch	22.81% (\$49,500)	Edit
1/6/2021 Improvement Kitchen renovation	39.40% (\$85,499)	Edit

Summary

Cumulative SI/SD Percentage (%) 62.22%

Cumulative SI/SD Costs (\$) \$134,999

Tracking period 3 years

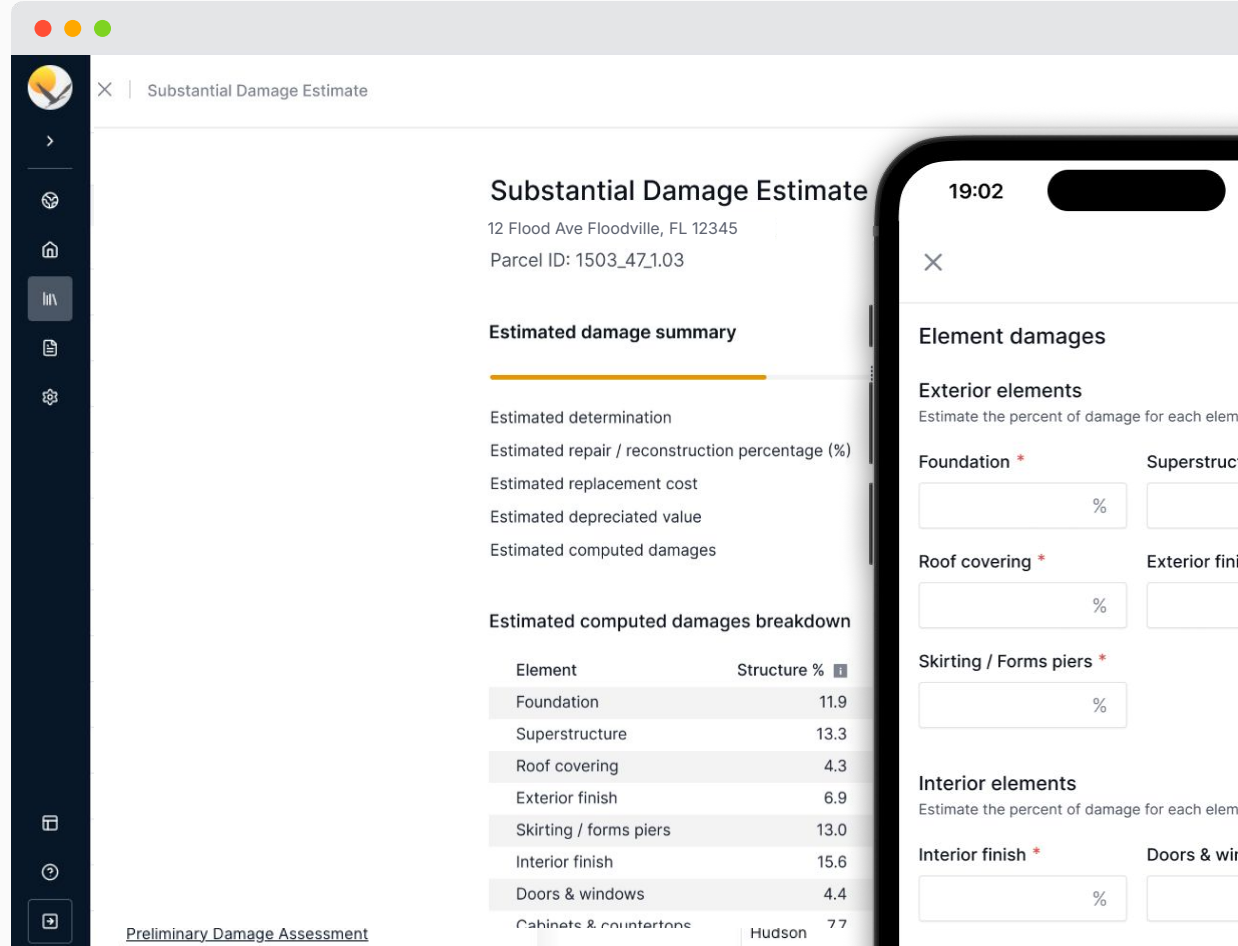
Agenda

- 1 Forerunner Overview
- 2 Preparing for Hurricane Season
- 3 Case Study**
- 4 Walkthrough

Pasco County, FL

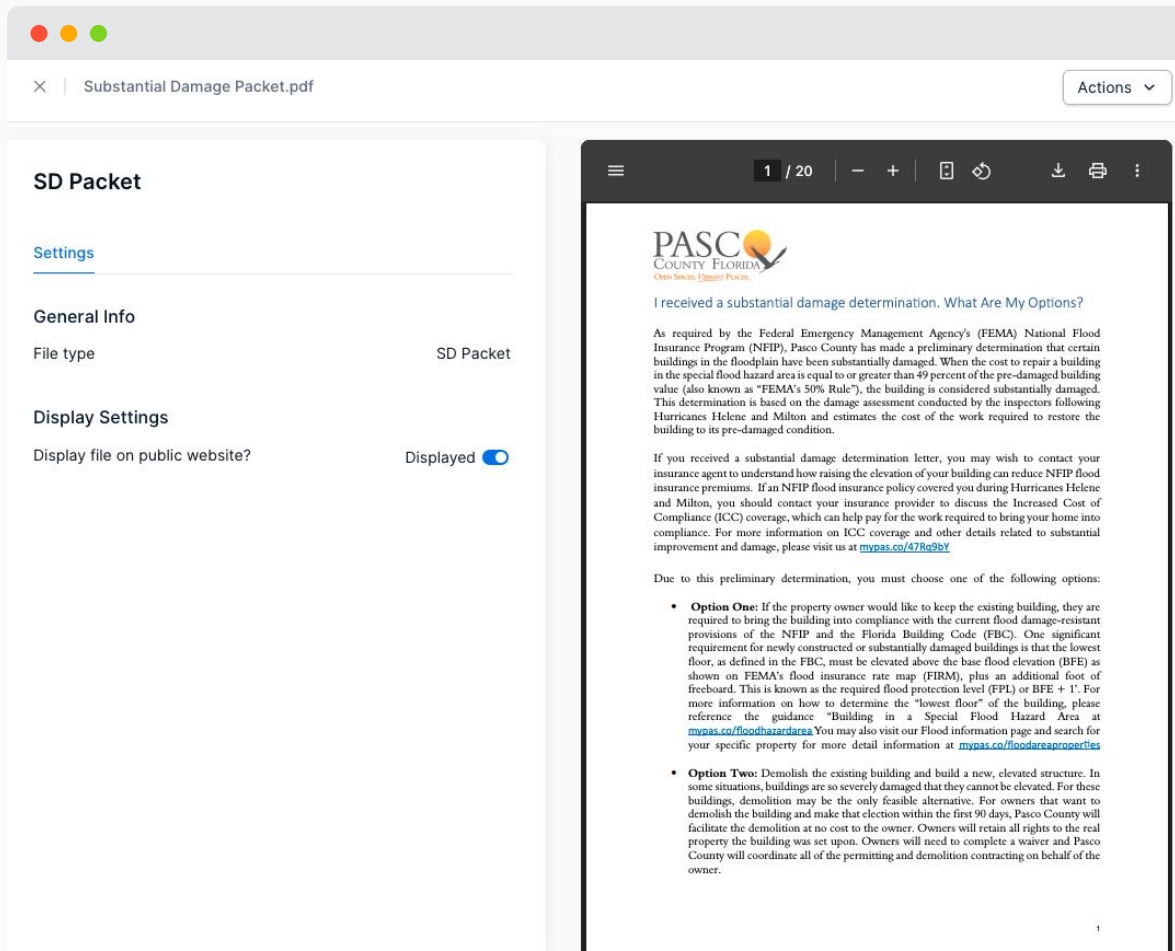
Centralizing disaster response in Pasco County, FL.

- Unified response using a centralized recovery workflow
- Backfilled 9,000 Preliminary Damage Assessments (PDA) to support disaster documentation
- Completed over 20,000 Substantial Damage Estimates (SDEs) using the Forerunner mobile app



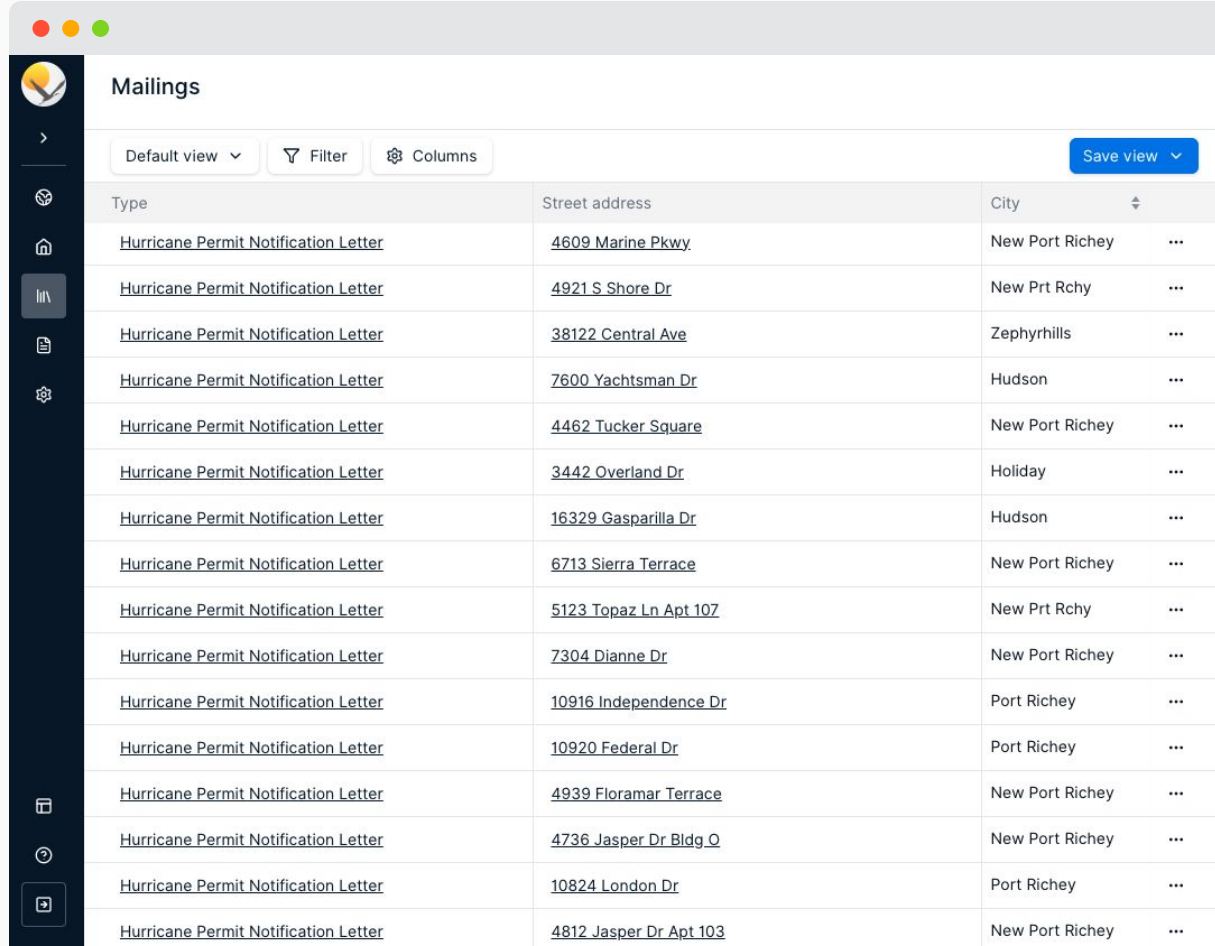
Automating resident outreach post-disaster.

- Generated 20,000 letters to notify residents of confirmed or potential Substantial Damage
- Improved compliance outcomes and increased permit request activity



Scaling recovery communications with Automated Mailings.

- Automatically generated and sent letters using property-level data
- Tracked letters and outreach all within the Forerunner platform



The screenshot displays the 'Mailings' section of the Forerunner platform. It features a sidebar with navigation icons, a top bar with window controls, and a main content area with a table of mailings. The table has columns for 'Type', 'Street address', and 'City'. Each row represents a mailing, with the type being 'Hurricane Permit Notification Letter' and the city being either 'New Port Richey' or 'Port Richey'. The street addresses are listed in the middle column. A 'Save view' button is located in the top right corner of the table area.

Type	Street address	City
Hurricane Permit Notification Letter	4609 Marine Pkwy	New Port Richey
Hurricane Permit Notification Letter	4921 S Shore Dr	New Prt Rchy
Hurricane Permit Notification Letter	38122 Central Ave	Zephyrhills
Hurricane Permit Notification Letter	7600 Yachtsman Dr	Hudson
Hurricane Permit Notification Letter	4462 Tucker Square	New Port Richey
Hurricane Permit Notification Letter	3442 Overland Dr	Holiday
Hurricane Permit Notification Letter	16329 Gasparilla Dr	Hudson
Hurricane Permit Notification Letter	6713 Sierra Terrace	New Port Richey
Hurricane Permit Notification Letter	5123 Topaz Ln Apt 107	New Prt Rchy
Hurricane Permit Notification Letter	7304 Dianne Dr	New Port Richey
Hurricane Permit Notification Letter	10916 Independence Dr	Port Richey
Hurricane Permit Notification Letter	10920 Federal Dr	Port Richey
Hurricane Permit Notification Letter	4939 Floramar Terrace	New Port Richey
Hurricane Permit Notification Letter	4736 Jasper Dr Bldg O	New Port Richey
Hurricane Permit Notification Letter	10824 London Dr	Port Richey
Hurricane Permit Notification Letter	4812 Jasper Dr Apt 103	New Port Richey

Improving compliance tracking.

- Centralize property damage information and notice letters on property profiles
- Allowed residents to self-serve information and submit inquiries or permits online

×

Add new Compliance Extension

Submit

Compliance Extension

123 Flood Ave Floodie, FL 12345

A complete Substantial Improvement Packet (SIP) (either the [paper copy](#) or the [online application](#)) is required. It must include colored photos of all interior rooms (bathroom, kitchen, living room, dining room, bedroom, and any additional living space) and the exterior of the structure.

Note: A compliance extension may be revoked if the appropriate documentation is not provided. The extension can be up to one year from April 14, 2025, and must make a good faith effort to mitigate the damaged structure.

Full Name *

Email Address *

Have you applied for a permit to conduct repairs? *

Select... ▾

If you answered 'No' to the previous question, please select a reasoning below. (SIP and Photos Required)

If you answered 'other', please explain:

Photos of interior of structure ⓘ

Planning ahead for next hurricane season.

- Improve PDA process in anticipation of future events
- Train 100–150 staff members on PDA and SDE workflows
- Centralize fieldwork, data, and inspection processes in the Forerunner mobile app



Please let us know if Forerunner can lend a hand to your community.

- If you're a Forerunner partner, reach out for a deeper walkthrough of our features.
- Forerunner offers free pilot licenses, and can extend the pilot period for affected communities.
- Our team dedicates a small amount of time to volunteer for post-disaster data entry + GIS support.



Agenda

- 1 Forerunner Overview
- 2 Preparing for Hurricane Season
- 3 Case Study
- 4 **Walkthrough**

Thank you!



JT White
jt@withforerunner.com

Conn Cole
conn@withforerunner.com