ReadyLaPlata

La Plata County Emergency Evacuation Information System

Overview

ReadyLaPlata is a public-facing web application displaying real-time evacuation zones during emergencies. Built on our **existing ArcGIS infrastructure**, it provides an enhanced user experience while maintaining full compatibility with current workflows. OEM staff continue using familiar tools — ReadyLaPlata simply provides a cleaner public interface.

Key Features

Interactive Maps	Real-time SET/GO evacuation zones using existing ArcGIS Feature Services
Incident Resources	Shelters, check-in locations, road closures, animal evacuation via Google Sheets
Mobile Optimized	Responsive design for field use; CodeRED integration for alert signup

Architecture

Component	Technology	Purpose
Frontend	HTML/CSS/JavaScript	Static pages — fast, reliable, cacheable
Mapping	ArcGIS SDK	Same Feature Services as current system
Data API	Google Apps Script	Reads incident resources from Google Sheets

At a Glance

Page Load	Data Updates	Browser Support	Mobile Ready
~2-3 seconds	Within 15 seconds	All modern browsers	✓ Fully responsive

Fallback Plan

This is an **additive improvement**, not a replacement. Our current ESRI system remains fully operational. If any issues arise, we reapply the domain forward to ESRI and follow current protocol — no loss of functionality.