

INTERMAP
Answers Now™**HCA PRO™**

Better Environmental Awareness

Simplifying Management of Geo-Hazards and HCAs

HCAPro streamlines the task of accessing, sharing, and updating geo-hazard and high consequence area (HCA) information for liquid pipeline operations. Up-to-date HCA data ensures your operations, risk, and integrity teams have accurate knowledge of population, drinking water, environmental species, and navigable waters. Data is easily shared via the PaaS interface, and users can maintain operator identified HCAs and nominate them for inclusion in state databases.



Easy-to-Understand Results

Aggregate, normalize and style data for use by non-expert users and software applications.



Automatic Updates

Edits made to data sources will automatically appear in the data connection within HCAPro, including HCAs.

Transforming Data Into Actionable Intelligence

Data can be viewed on any Web browser and ample storage allows for the addition of proprietary information. If release models are uploaded, authorized users will be able to visualize could-effect segments as well as established HCAs. The software includes access to multiple industry-proven geo-hazard models including river, flood, fire, landslide, and more — all of which can be connected instantly to any in-house software via standard OGC calls.



Streamlined Data Management

Connect and manage disparate geospatial and location-based data without altering your current infrastructure.



Web-Based Functionality

Create OGC Web services to share individual and aggregated datasets via any Web-capable device.

PaaS Specifications

- Fully functional Web user interface
- Cloud hosted virtual machine with 4 cores and 8 GB of RAM
- One TB of cloud storage for user data
- Depending on the subscription, HCAPro has a number of login credentials allowing simultaneous access for multiple users.
- Supported OGC calls: WMS, WFS
- Authentication required

Data Layers

HCAPro comes with continuously updated high consequence and elevated consequence areas. Data layers include:

- Population data
 - PHMSA/Census population (U.S. only)
 - Populated and “other” areas available for Canada
- Navigable waters (U.S. only)
- Intermap’s hydro layer: a fully edited and maintained hydro dataset containing single line, dual lines, lakes, and oceans (U.S. and Canada)
- Unusually sensitive drinking water areas, based on PHMSA definition and process, continuously updated (U.S. and Canada)
- Unusually sensitive ecological areas provided in partnership with NatureServe, based on PHMSA definition and process, continuously updated (U.S. and Canada)
 - All subscriptions include species identifier (fish, bird, plant, etc.); present PHMSA standard is species blind
 - Premium subscribers will have access to extensive species metadata

Geo-Hazard Information

The following information will be provided at no extra charge during the first year of subscription to HCAPro:

- Intermap’s river flood model
- Intermap’s U.S. and Canadian fire model, with fire risk updated yearly
- Other geo-hazard models are available; please contact your sales representative to learn more.

Additional Services

Software support via Web, email, and phone is included in your subscription. Additionally, we can offer:

- Detailed consulting on HCAs in your region
- Overland spill modeling
- As-built survey support to update your asset locations
- Clean-up of “other populated areas”

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Intermap Technologies® is a global geospatial solutions leader focused on improving the ways in which people, businesses, and governments use location-based information. Through the creation of the Orion Platform®, the industry’s first software-driven spatial data platform, Intermap provides products, services, and solutions that help business and governments solve their geospatial challenges.

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