RAPID Mobile Software: The RApp

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RAPID – Version 1.0 Anticipated Features

RAPp integrates mission planning and coordination, data collection, and data management into a single, unified package

- All data collected is treated equally, allowing novel approaches to organization and comparisons
- Tedious tasks are simplified, allowing field recon teams to spend more time on data collection efforts
RApp: Mission Planning

- Mission Coordination
- Cacheable Maps
- Route, Area, and Location Planning
- Location Tracking
- Inventory
- Checklist
- Data Synchronizing
- and More

RApp: Data Collection

- Photos, Videos, Audio, Notes, Scans, Surveys, Questionnaires, and More
- Checklists
- Data Tagging
- Data Upload to DesignSafe
- and More
Users can log in with Touch ID or Passcode

Once logged in, users can sign in to DesignSafe so data is transferred automatically.
The main menu provides quick access to many features and is customizable.

Checklists are customizable and can be shared.
The calendar organizes events by date

Contacts can be organized into groups
The inventory provides an overview of equipment.

Equipment manuals and guides are stored in the app.
Settings provide customizable controls for units, lat/lon formatting, and more

Menu tiles can be customized to users preference
Assets provides access to all data collected in a common format.

Assets can be filtered by date, type, and other criteria.
Assets can be grouped in collections

Assets can also be displayed in a list view and sorted by various parameters
Detailed information about assets can be displayed.

Asset meta data can be edited within the app.
Users can create and share custom questionnaire templates

Users can specify which questionnaire template is used by default
The assets map provides a geospatial view of data and markers.

Assets in the map view are interactive.
Map layers can be cached in the app, useful when a network is not available.