

# Overview

The .decimal astroid app suite is a system of applications living on the thinknode™ framework. Each app has its own intended use, documentation, and has been thoroughly tested before being released into the production environment.

Access to each App is provided by the thinknode™ framework using http json formatted requests. thinknode™ provides the 'backbone' used to send and receive requests, maintain users, realms and organizations, and provide data storage and management.

## Astroid Apps

Each of the released apps contains its own use documentation. Select the app below to see its corresponding user documentation.



**Dosimetry App** Planning and analysis algorithm library for proton radiation therapy. Includes design task, dose calculation, and radiotherapy support functions.



**Planning App** Treatment Planning user interface for proton radiation therapy. Leverages the Dosimetry App library to allow users to create proton therapy treatment plans.



**Dicom App** Library for parsing and storing of DICOM file types into standard data types. Includes support for Plan, Structure Set, CT Image, and Dose dicom files.

## Manifest Documentation

The [Manifest Guide](#) for each app contains a complete list of all functions and types supported by the app through thinknode™ API calls. Refer to each astroid Apps Examples section for outlined usage on function calling and calculation requests as well as connecting to the thinknode™ framework.

Refer to the thinknode™ links on the left sidebar for detailed help using the thinknode™ framework.

# Support

For questions, comments, or to schedule a training session, please contact our customer support team at: [appsupport@dotdecimal.com](mailto:appsupport@dotdecimal.com)

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