

Configuration Management Cover Page	
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Welcome to Thelaron

Thelaron software is used to control the operation of WGS-84 Satellite System (WSS). In Thelaron, your input data is called a *target*. Targets are tracked via Thelaron interface with cameras and/or radar.

What You Need to Get Started

Before you start working in Thelaron, you should connect the hardware equipment you plan to use, such as a keyboard, joystick controller, and camera(s) to your computer. In case you're not sure about a particular device, consult the owner's manual or the product website. For more information, see [Devices Overview](#).

How to Get Help

Quick Help

You can view a brief description of windows, commands, controls, and other elements of the Thelaron interface without leaving the application or interrupting your workflow.

- To view Quick Help in the main window, choose Help > Quick Help or press Shift-Ctrl-H.
 - Some Quick Help topics include links to more detailed information. You can access the additional information by pressing Ctrl-Backslash (/) while the pointer is over the corresponding control or area.

Thelaron at a Glance

The Tracking Mode window is where you track your targets. You can access all of the major working areas Thelaron in the Tracking Mode window.

Colors	Status	Sensor Status Description
Magenta/White	Fault	Camera is not at speed and/or phase locked
Red/White	Fault	Camera is not running and/or external clock fault or not present
Cyan/Black	Ok	Camera and focus table ready
Green/Black	Ok	Camera and focus table ready. Camera phase locked at speed

Target Position

Choose Data Source
 T = Transmitting
 A = Auto-acquire

Warning Indicators
 No Track = No data
 ON TGT = Target acquired

Select Input Source

Start/Stop Data Recording
 Yellow = Off
 Green = On

When you open Tracking Mode, the target position appears in the upper left corner of the window.

Choose your data source and view warning indicators in the Sub-Modes panel in the center left of the window.

View fault status on your camera in the Sensor Status panel in the center top of the window.

Select your input source and control the data recording with the buttons on the right side of the window.

Creating Simple Missions

1. You start by opening Thelaron and clicking the **VIDEO TRK** button on the main menu
2. Click the **R1** button to turn off the run switch
3. Repeat for **R2**, **R3**, and **R4** buttons, if applicable
4. Click the **ENABLE** button under Sub-Mode
5. Click the **ENABLE** button under Auto Acq
6. Click applicable Sub-Modes button to choose your data source
7. Verify target position

