



TrioDocs

Version: 0.4.0

Date: May 25, 2025

Download the latest version on:
<https://triodocs.org>

Introduction

Overview

What is Trio?

Trio is an open-source artificial pancreas system based on the OpenAPS (Oref0) algorithm. Using your entered settings, carbohydrates, and historical data, it aims to automate insulin delivery to reduce the time spent managing your diabetes. Before starting with Trio, you should consider alternative commercial options such as the Tandem Control-IQ and Omnipod 5 or other open-source applications like [Loop](#) and [AndroidAPS](#).

Important

Trio is not approved by any healthcare authority. You build and run this system at your own risk.

Getting Started

Before starting with Trio, you should understand [CR](#), [ISF](#), and Basal Rates.

If you do not understand the terminology, please read the appropriate documentation here:

[Carb Ratio \(CR\)](#)

[Insulin Sensitivity Factor \(ISF\)](#)

[Basal Rates](#)

If you require help defining and determining those settings, please seek assistance from your diabetes healthcare team.

To use Trio, you are required to build the application from the source code. This does not require substantial technical know-how but is a time-consuming process. You may need to carry this out through several sessions on your first attempt.

Ready to Get Started? Head to the [New User Guide](#) to get started!