TrioDocs

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Migration from iAPS

Coming from iAPS

When you move your settings from iAPS to Trio, some of them might look different even if they have the same or similar names. That's because we changed some of the numbers from decimals to percentages to make them easier to understand.

Example

In iAPS you might set "Autosens Maximum" to 1.2. In Trio, we show "Autosens Max" as 120%, which means the same thing, but is easier to understand.

Some setting names have also changed. We did this to make things less confusing. To help you out, we added definitions right in the app. Just tap the question mark icon next to any setting to see what it means. Healthcare Professionals and users can also find those settings and explanations in this section of the docs.

In iAPS, some settings had limits (called guardrails) that weren't always visible, and others had no limits at all. In Trio, we've made those guardrails easier to see and added a few more where needed, to help prevent settings that could lead to unsafe outcomes.

The charts below will help you see which setting names or formats have changed, and where to find them in both iAPS and Trio.

Tip

To convert a value from a decimal to a percentage, multiply it by 100.
To convert from a percentage to a decimal, divide by 100.

Prepare Trio

Trio Name	Setting Format (example)	Location in App	iAPS Name	Setting Format (example)	Location in App
Glucose Units	selection (mg/dL or mmol/L)	Settings → Therapy → Units and Limits	**Target Glucose**	selection (mg/dL or mmol/L)	Settings → OpenAPS → Glucose units

Therapy Settings

Trio Name	Setting Format (example)	Location in App	iAPS Name	Setting Format (example)	Location in App

Glucose Targets	decimal (100 mg/dL | 5.5 mmol/L)	Settings → Therapy → Glucose Targets	**Target Glucose**	decimal (100 mg/dL | 5.5 mmol/L)	Settings → Target Glucose
Basal Rates	decimal (1.0 U/hr)	Settings → Therapy → Basal Rates	**Basal Profile**	decimal (1.0 U/hr)	Settings → Basal Profile
Carb Ratios	decimal (10 g/U)	Settings → Therapy → Carb Ratios	**Carb Ratios**	decimal (10 g/U)	Settings → Carb Ratios
Insulin Sensitivities	decimal (54 mg/dL/U | 3.0 mmol/L/U)	Settings → Therapy → Insulin Sensitivities	**Insulin Sensitivities**	decimal (54 mg/dL/U | 3.0 mmol/L/U)	Settings → Insulin Sensitivities

Delivery Limits

Trio Name	Setting Format (example)	Location in App	iAPS Name	Setting Format (example)	Location in App
Max IOB	decimal (2 U)	Settings → Therapy → Units and Limits → Max IOB	**Max IOB**	decimal (2)	Settings → OpenAPS → Max IOB
Max Bolus	decimal (10 U)	Settings → Therapy → Units and Limits → Max Bolus	**Max Bolus**	decimal (10)	Settings → Pump Settings → Max Bolus
**Max Basal Rate	decimal (2 U/hr)	Settings → Therapy → Units and Limits → Max Basal Rate	**Max Basal**	decimal (2)	Settings → Pump Settings → Max Bolus
Max COB	decimal (120 g)	Settings → Therapy → Units and Limits → Max COB	**Max COB**	decimal (120)	Settings → OpenAPS → Max COB
Minimum Safety Threshold	decimal (60 mg/dL)	Settings → Therapy → Units and Limits → Max IOB	**Threshold Setting**	decimal (60)	Settings → Dynamic ISF → Threshold Setting

Algorithm Settings

Autosens

Trio Name	Setting Format (example)	Location in App	iAPS Name	Setting Format (example)	Location in App
Autosens Min	percentage (70%)	Settings → Algorithm → Autosens → Autosens Min	**Autosens Minimum**	decimal (0.7)	Settings → OpenAPS → Autosens Minimum
Autosens Max	percentage (120%)	Settings → Algorithm → Autosens → Autosens Max	**Autosens Maximum**	decimal (1.2)	Settings → OpenAPS → Autosens Maximum

SMB (Super Micro Bolus)

Trio Name	Setting Format (example)	Location in App	iAPS Name	Setting Format (example)	Location in App
Enable SMB Always	toggle (On/Off)	Settings → Algorithm → Super Micro Bolus (SMB) → Enable SMB Always	**Enable SMB Always**	toggle (On/Off)	Settings → OpenAPS → Enable SMB Always
Allow SMB with High Temp Target	toggle (On/Off)	Settings → Algorithm → Super Micro Bolus (SMB) → Allow SMB With High Temptarget	**Allow SMB With High Temptarget**	toggle (On/Off)	Settings → OpenAPS → Allow SMB With High Temptarget
Enable UAM	toggle (On/Off)	Settings → Algorithm → Super Micro Bolus (SMB) → Enable UAM	**Enable UAM**	toggle (On/Off)	Settings → OpenAPS → Enable UAM

		Minutes	**Enable UAM**	decimal (30)	Settings → OpenAPS → Max SMB Basal Minutes
Max UAM Basal Minutes	decimal (30 min)	Settings → Algorithm → Super Micro Bolus (SMB) → Max UAM Basal Minutes	**Max UAM SMB Basal Minutes**	decimal (30)	Settings → OpenAPS → Max UAM SMB Basal Minutes
Max Allowed Glucose Rise for SMB	percentage (20%)	Settings → Algorithm → Super Micro Bolus (SMB) → Max Allowed Glucose Rise for SMB	**Max Delta-BG Threshold SMB**	decimal (0.2)	Settings → OpenAPS → Max Delta-BG Threshold SMB

Target Behavior

Trio Name	Setting Format (example)	Location in App	iAPS Name	Setting Format (example)	Location in App
High Temp Target Raises Sensitivity	toggle (On/Off)	Settings → Algorithm → Target Behavior → High Temp Target Raises Sensitivity	**High Temptarget Raises Sensitivity**	toggle (On/Off)	Settings → OpenAPS → High Temptarget Raises Sensitivity
Low Temp Target Lowers Sensitivity	toggle (On/Off)	Settings → Algorithm → Target Behavior → Low Temp Target Lowers Sensitivity	**Low Temptarget Lowers Sensitivity**	toggle (On/Off)	Settings → OpenAPS → Low Temptarget Lowers Sensitivity
Sensitivity Raises Target	toggle (On/Off)	Settings → Algorithm → Target Behavior → Sensitivity Raises Target	**Sensitivity Raises Target**	toggle (On/Off)	Settings → OpenAPS → Sensitivity Raises Target
Resistance Lowers Target	toggle (On/Off)	Settings → Algorithm → Target Behavior → Resistance Lowers Target	**Resistance Lowers Target**	toggle (On/Off)	Settings → OpenAPS → Resistance Lowers Target

Half Basal Exercise Target	decimal (160 mg/dL | 8.9 mmol/L)	Settings → Algorithm → Target Behavior → Half Basal Exercise Target	**Half Basal Exercise Target**	decimal (160 mg/dL | 8.9 mmol/L)	Settings → OpenAPS → Half Basal Exercise Target