SMART Touch 'Optimised Start' feature (as of v1.05.12)

'Optimised Start' is a special kind of scheduled 'on' command which will attempt to ensure that the group return air temperature is close to or at the required setpoint temperature at the scheduled time selected.

Optimised Start monitoring will begin 2 hours before the scheduled on time. During this time, the SMART Touch will decide when to actually turn the group on to achieve the required setpoint temperature.

The SMART Touch will monitor the heating or cooling performance every time Optimised Start is active, and adjust its stored performance data accordingly, ready for next time. It will take the SMART Touch a few days to start estimating the heat or cool performance of a particular group. The more times the feature is used, the better the estimate will become.
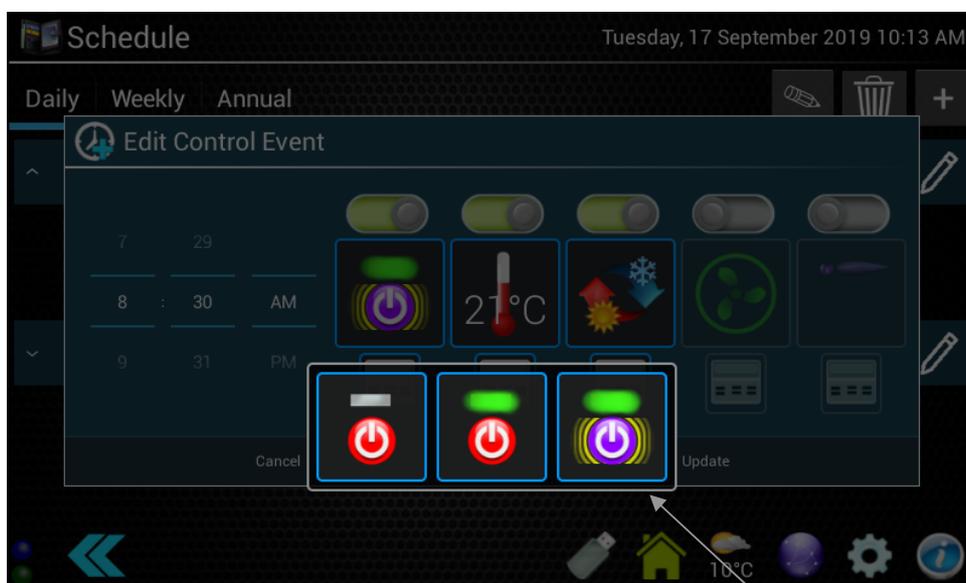
For the Optimised Start feature to activate, the following rules apply :
 ➢ The scheduled Optimised Start control point must be the first defined event in a 'daily' schedule.
 ➢ Operating mode and setpoint temperature must be set in the same scheduled control point.
 ➢ Only Heating, Cooling and Auto modes are allowed.

The performance data for the group will be adjusted provided that :
 ➢ The group was off prior to the Optimised Start feature turning it on.
 ➢ The run state, mode and setpoint have not been altered during the Optimised Start active period.

When selecting a scheduled run action, there are now 3 options, Off, On, and Optimised Start

'Optimised Start' selection button

For Optimised Start to function correctly, operating mode and setpoint temperature must be set in the same control point. Fan speed and air direction can also be set, but have no bearing on Optimised Start functionality.

For Optimised Start to activate, the control point must be the first defined event in a daily schedule…