



AudioVisual
conference automation

EasyConf Voting

This application note describes the working and configuration of Quorum Calculation possibilities with EasyConf



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Quorum Calculation

Quorum Calculation is used in voting sessions. While a voting session is running, **EasyConf** will calculate if the **quorum**, which is a minimum amount of people who votes is reached. This is needed to accept if a voting session is valid.

This part of the application note explains how to configure and use **Quorum Calculation** with **EasyConf**.

Quorum Calculation - Configuration

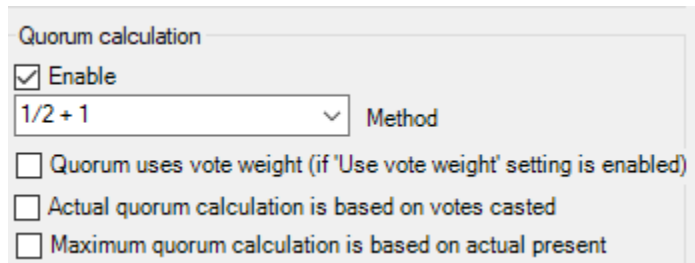
To enable and configure Quorum Calculation, please open the Voting Profiles menu.

Go to: MVI voting and control server – Profiles – Voting Profiles.

The screenshot shows the 'Voting Profiles' configuration window. The 'Default' profile is selected. The 'Template name' is 'TEST' and the 'Addhoc name' is empty. The 'Hall display percentage calc.' section has 'Authorized to vote' selected. The '100% majority calculation based on:' section has 'Casted votes' selected. The 'Use vote Weight' section has 'Ignore vote weight in group results' checked. The 'Prevent change of vote' and 'Voting Leds don't show result' are unchecked. The 'Persons with 'ExcludeVote' attribute are excluded from voting in this vote.' is unchecked. The 'Intermediate results' section has 'Show on Hall Display' and 'Show on control clients' checked, and 'Show on units (if supported)' is unchecked. The 'Majority calculation' section has 'Enable' checked and 'Method' set to '1/2 + 1'. The 'Special message for equal amount of yes and no' is checked, and 'Chairman has deciding vote after stop voting if equal (DCN-NG c)' is unchecked. The 'Quorum calculation' section has 'Enable' checked and 'Method' set to '1/2 + 1'. The 'Quorum uses vote weight (if 'Use vote weight' setting is enabled)' is unchecked. 'Actual quorum calculation is based on votes casted' and 'Maximum quorum calculation is based on actual present' are checked. The 'Merge quorum and majority text result in majority result' and 'Majority results has 5 different types of outcome ('S' labels)' are checked. The 'Not voted counts as:' section has 'Not voted' selected. The 'Answer 2 / No', 'Answer 3 / Abstain', and 'Answer 3 / Abstain counts as:' sections have 'Answer 3 / Abstain' selected. The 'Not Voted' option is also selected. The 'Vote timer' section has 'Use vote timer' unchecked, 'Vote Time in seconds' set to 60, and 'Stop voting when timer ends' and 'Stop voting when last person votes (after <VoteTime> seconds)' are unchecked.

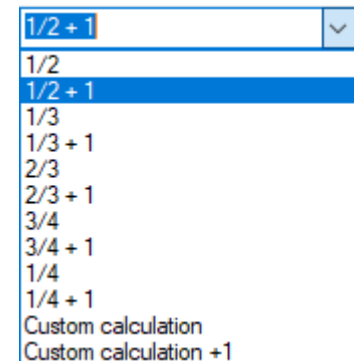
Quorum Calculation - Configuration

Place a checkmark at Quorum Calculation to enable Quorum Calculation.

A screenshot of the 'Quorum calculation' configuration panel. It includes a checked 'Enable' checkbox, a dropdown menu for 'Method' currently showing '1/2 + 1', and three unchecked checkboxes: 'Quorum uses vote weight (if 'Use vote weight' setting is enabled)', 'Actual quorum calculation is based on votes casted', and 'Maximum quorum calculation is based on actual present'.

From the **Method** dropdown menu please select the calculation you want to use.

The most common calculations are already predefined by us. But if you need another calculation, you can use **Custom calculation** to define a custom calculation

A screenshot of the 'Method' dropdown menu. The menu is open, showing a list of predefined calculations: '1/2', '1/2 + 1' (which is highlighted in blue), '1/3', '1/3 + 1', '2/3', '2/3 + 1', '3/4', '3/4 + 1', '1/4', and '1/4 + 1'. At the bottom of the list are two options for custom calculations: 'Custom calculation' and 'Custom calculation +1'.

Quorum Calculation – Explanation

Example 1

For this example we used the $1/2 + 1$ calculation.

When you have a voting session with $1/2 + 1$ Quorum Calculation at least **half of the delegates +1** allowed to vote in this voting session must be present during the vote to have a **valid** voting session and reach the **Quorum**.

Quorum Calculation – Explanation

Example 2

For this example we used the $1/2 + 1$ calculation with the extra option 'Actual quorum calculation is based on votes casted'.

When you have a voting session with $1/2 + 1$ Quorum Calculation at least **half of the delegates +1** allowed to vote in this voting session must cast a vote to have a **valid** voting session and reach the Quorum.

Quorum Calculation – Explanation

During a voting session it's possible to see & show the current state of the **Quorum Calculation**. For example you can show it to the chairman or display it on a hall-display so everyone can see the current state.

To follow the **Quorum Calculation** the following labels can be added to a template.

- **Required quorum** – *shows how many delegates need to attend the vote to reach the required quorum.*
- **Current quorum** – *shows how many delegates are currently attending the vote.*
- **Quorum result** – *shows if the quorum is reached.*

Required quorum:	10
Current quorum:	14
Quorum result:	Quorum Met