

## ***End strokes control function V. 1.0***

### ***Descriptions***

***This function stop the actuator movement in the direction that reaches the sw end strokes limits.  
It controls that actual position is more than zero reference and less of the max stroke saved during the last calibration.  
When this stop began active is possible move only in the opposite direction.  
The Stop is gradual, when distance to the sw limits began less then the variable Brake\_Space, the speed is decreased proportionally to the remain distance to the sw limits.***

***Syntax:*** `EndStrokeStop()`

***Input parameters:*** `SC_Out_Dir, Act_dTarget, TSI_ST_CAL, Act_MaxSpeed, SC_Out_Speed, Brake_Space, Neg_Limit, Pos_Limit.`

***Output parameters:*** `ES_OutMaxSpeed`

***Status:*** `Act_DecSpeed`

***Calls:***

## End stroke stop function



