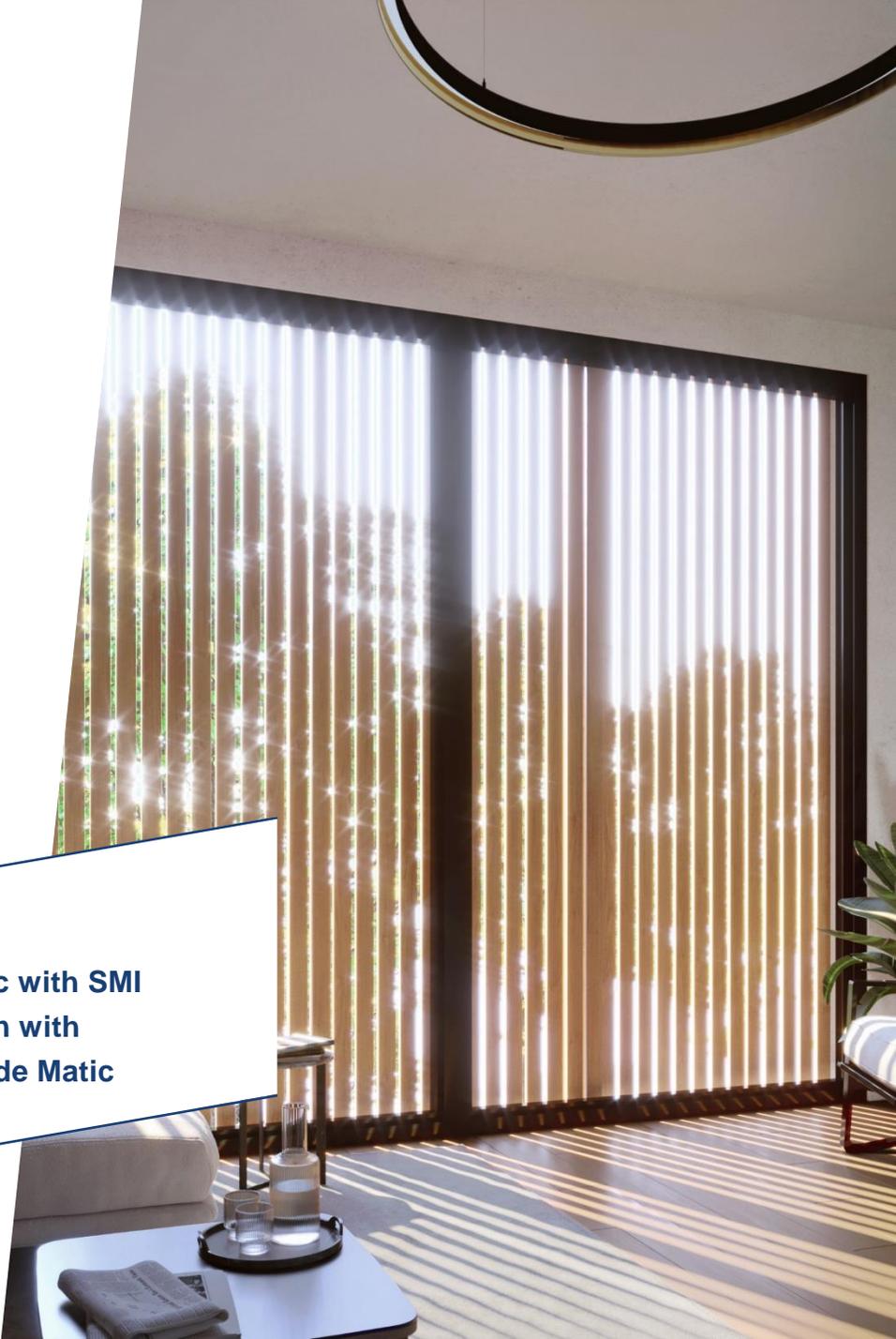


# Market launch presentation

## Hawa Motronic with Standard Motor Interface (SMI)

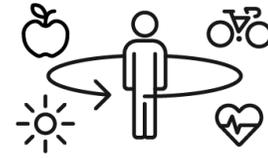
Versioning: January 2023



**Hawa Motronic with SMI  
in combination with  
Hawa Frontslide Matic**

Regardless of whether the façade is to be open or closed depending on the time of day, whether it needs to withstand certain climatic influences or it needs to convey a unique architectural idea.

**These are all optimum prerequisites  
for inspirational applications on buildings  
which fulfill the needs of today  
and tomorrow.**



Light is life – optimum use of daylight is good for health, performance capability and well-being.

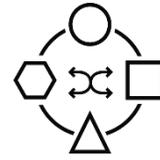
**Hawa Motronic with SMI makes automatic optimum lighting conditions possible.**



Climate change is making extreme demands of façade planners all over the world.

**Hawa Motronic with SMI increases the energy efficiency of the building envelope.**





Increasing functionality  
of the façade as an  
architectural trend.

**Hawa Motronic with SMI  
provides a uniform  
façade appearance,  
plus optimum privacy and  
protection from the sun.**

# Shading is now more intelligent

Hawa Frontslide Matic

New with  
SMI drive

# Hawa Frontslide Matic with SMI drive

## In three different weight classes

Hawa Frontslide 60 Matic

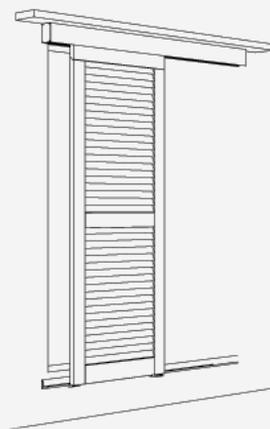
Fitting for top-running wooden or metal shutters up to 60 kg (132 lbs.), with screwed on running track. Ceiling or architrave mounting. Optionally with angled profile for wall mounting.

### Product highlights

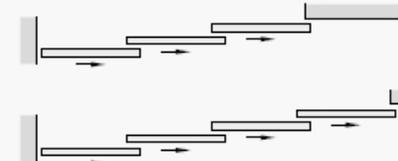
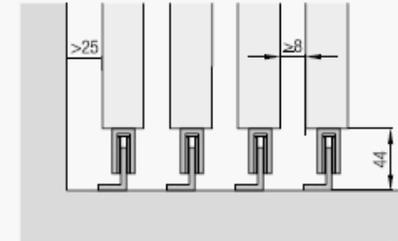
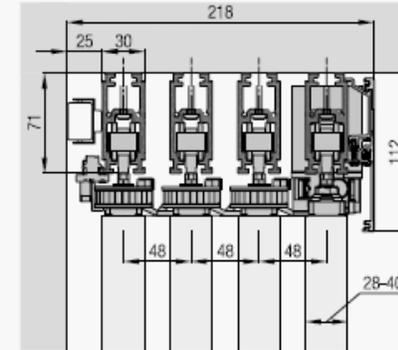
- Aesthetics** Attractive design solution for exciting and modern façade design
- Reliability** The shutters withstand even stormy winds, both open and closed

### Technical specifications

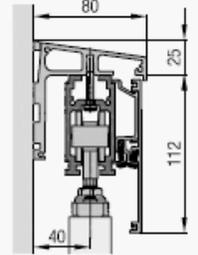
	Max.	60 kg (132 lbs.)
	Max.	3200 mm (10' 5 31/32")
		400–3750 mm (1' 3 3/4" to 12' 3 5/8") (Max. shutter area 9.6 m <sup>2</sup> (103 ft <sup>2</sup> ))
		28–45 mm (1 3/32" to 1 25/32")



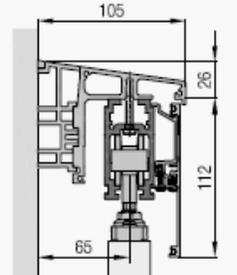
Hawa Frontslide 60 matic  
Telescopic 4



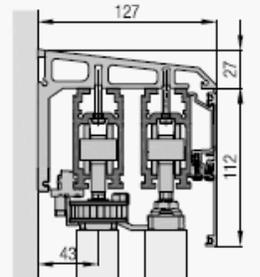
Hawa Frontslide 60 matic  
Telescopic 3,4  
Hawa Frontslide 100 matic  
Telescopic 3,4



Hawa Frontslide 60 A/matic



Hawa Frontslide 60 A/matic



Hawa Frontslide 60 A/matic

# Hawa Frontslide Matic with SMI drive

## In three different weight classes

**Hawa Frontslide** 100 Matic

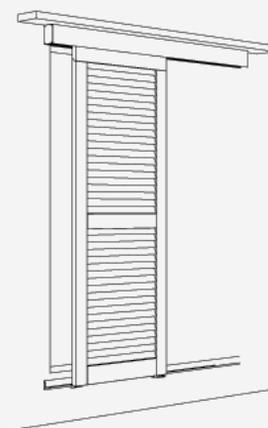
**Fitting for top-running wooden or metal shutters up to 100 kg (220 lbs.), with screwed on running track. Ceiling or architrave mounting.**

### Product highlights

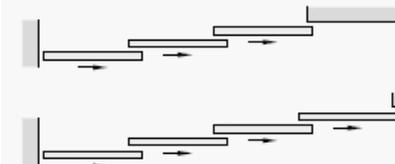
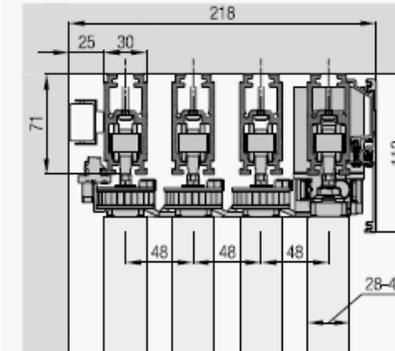
- Aesthetics** Attractive design solution for exciting and modern façade design
- Reliability** The shutters withstand even stormy winds, both open and closed

### Technical specifications

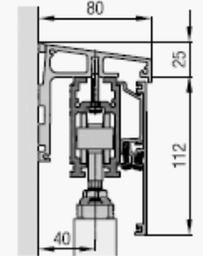
	Max.	100 kg (220 lbs.)
	Max.	3200 mm (10' 5 31/32")
		500–3750 mm (1' 7 11/16" to 12' 3 5/8") (Max. shutter area 9.6 m <sup>2</sup> (103 ft <sup>2</sup> ))
		28–50 mm (1 3/32" to 1 31/32")



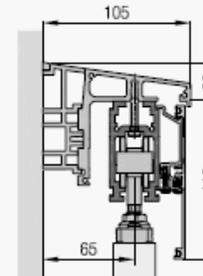
Hawa Frontslide 60 matic  
Telescopic 4



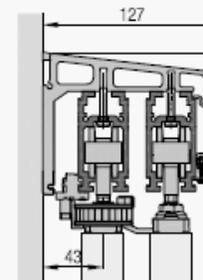
Hawa Frontslide 60 matic  
Telescopic 3,4  
Hawa Frontslide 100 matic  
Telescopic 3,4



Hawa Frontslide 60 A/matic



Hawa Frontslide 60 A/matic



Hawa Frontslide 60 A/matic

# Hawa Frontslide Matic with SMI drive

## In three different weight classes

Hawa Frontslide 140 Matic

Automated fitting with SMI interface for wooden or metal shutters up to 100 kg (220 lbs.), with screwed on running track. Ceiling or architrave mounting.

### Product highlights



#### Comfort

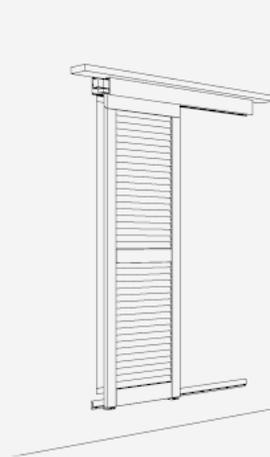
Automated system with building control interface  
Optimized individual use of daylight

#### Reliability

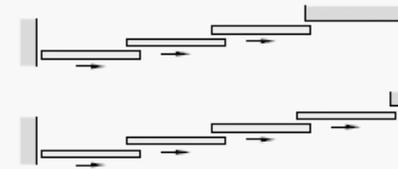
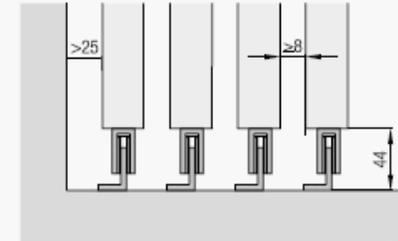
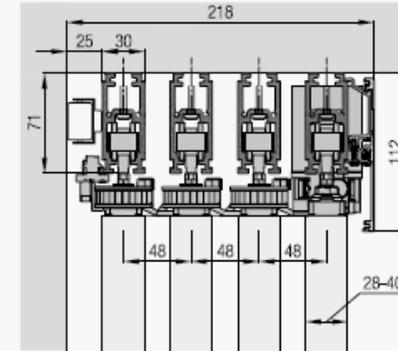
Extremely robust sliding shutter that has been tested for 100,000 cycles  
High resistance to wind and corrosion

### Technical specifications

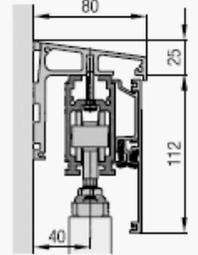
	Max.	100 kg (220 lbs.)
	Max.	3200 mm (10' 5 31/32")
		650–3750 mm (2' 1 19/32" to 12' 3 5/8") (Max. shutter area 6.24 m <sup>2</sup> (67 ft <sup>2</sup> ))
		28–50 mm (1 3/32" to 1 31/32")



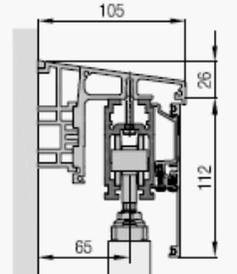
Hawa Frontslide 60 matic  
Telescopic 4



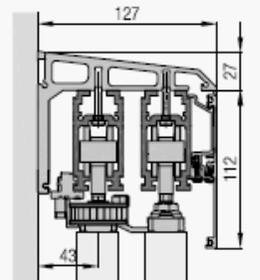
Hawa Frontslide 60 matic  
Telescopic 3,4  
Hawa Frontslide 100 matic  
Telescopic 3,4



Hawa Frontslide 60 A/matic



Hawa Frontslide 60 A/matic



Hawa Frontslide 60 A/matic

# Standard Motor Interface (SMI)

Interface between sun protection and building control

## What is SMI?

The Standard Motor Interface is a uniform and powerful interface between the roller shutter/sun protection drive and the building control system. The power supply and data transmission take place via a 5-wire cable.

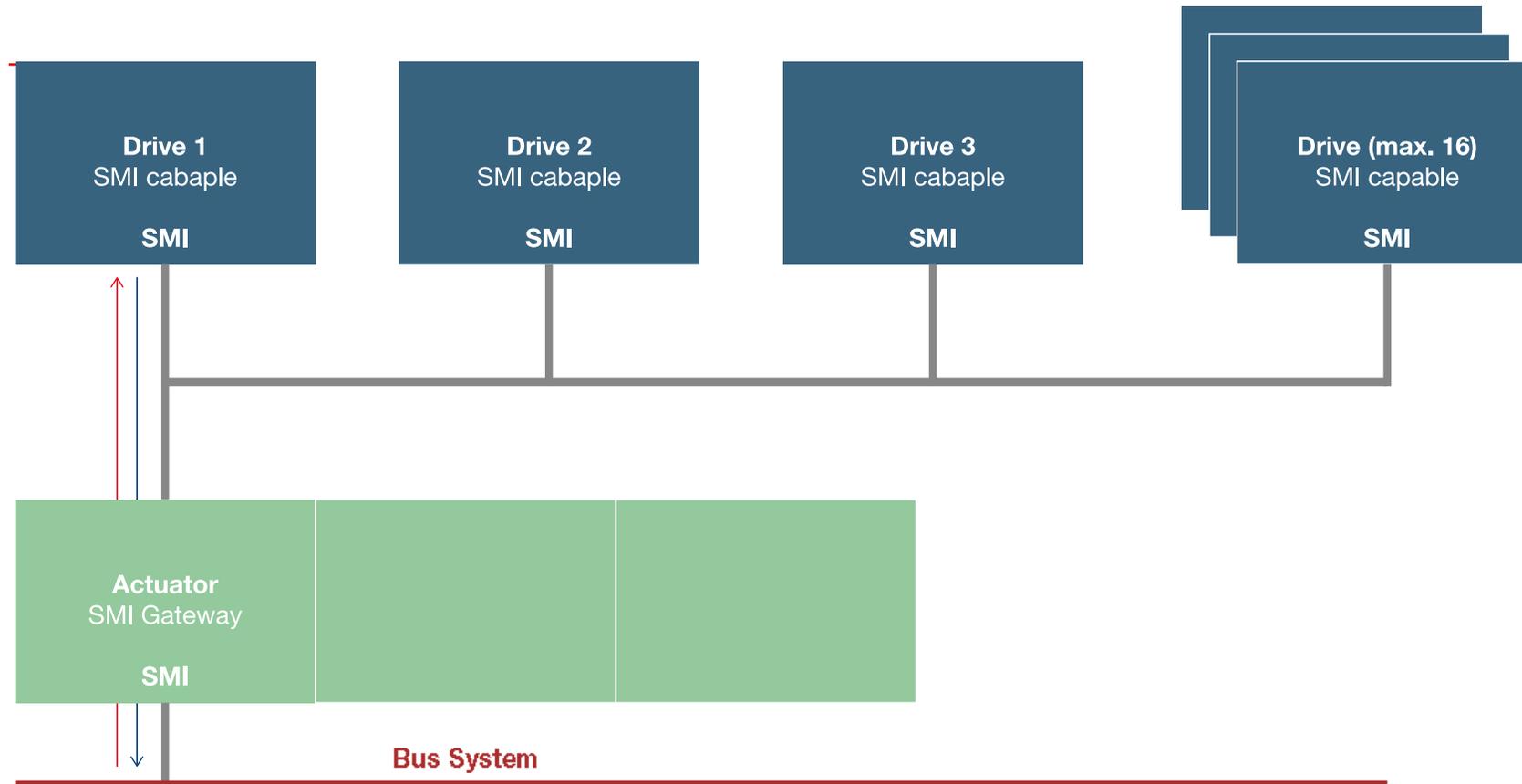
## What isn't SMI?

The specialized sub-bus system is not an island solution (not a competitor for bus systems), but a uniform standard interface with which the shading system is integrated in the existing bus. It looks after the actuation of the electric drives.

SMI must therefore not be regarded a replacement, rather as an addition.

# Standard Motor Interface (SMI)

Feedback directly from the drive



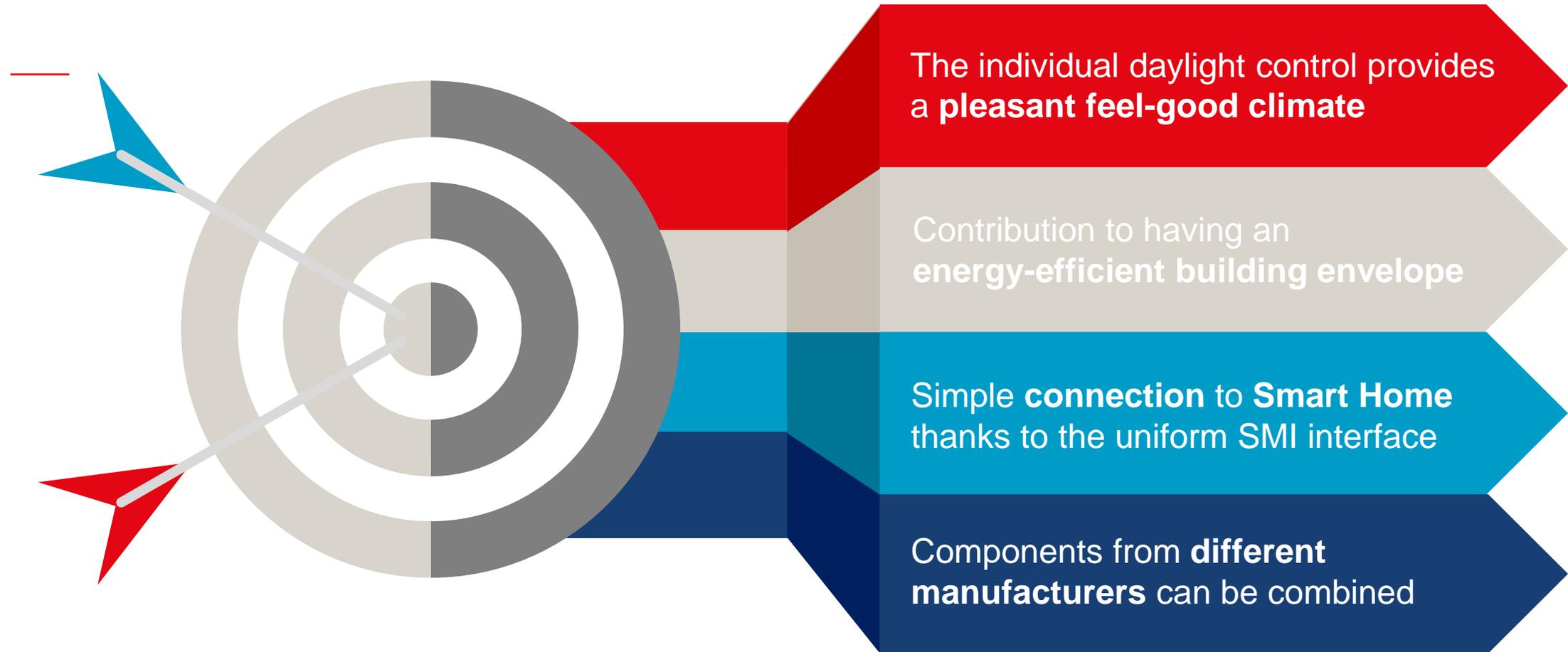
Explained in a simple way:



Until now, the signal only went from the bus system via actuator to the drive. With the SMI interface, we offer the standardized interface in the shading industry. In addition, SMI provides feedback from the actuator to the bus system.

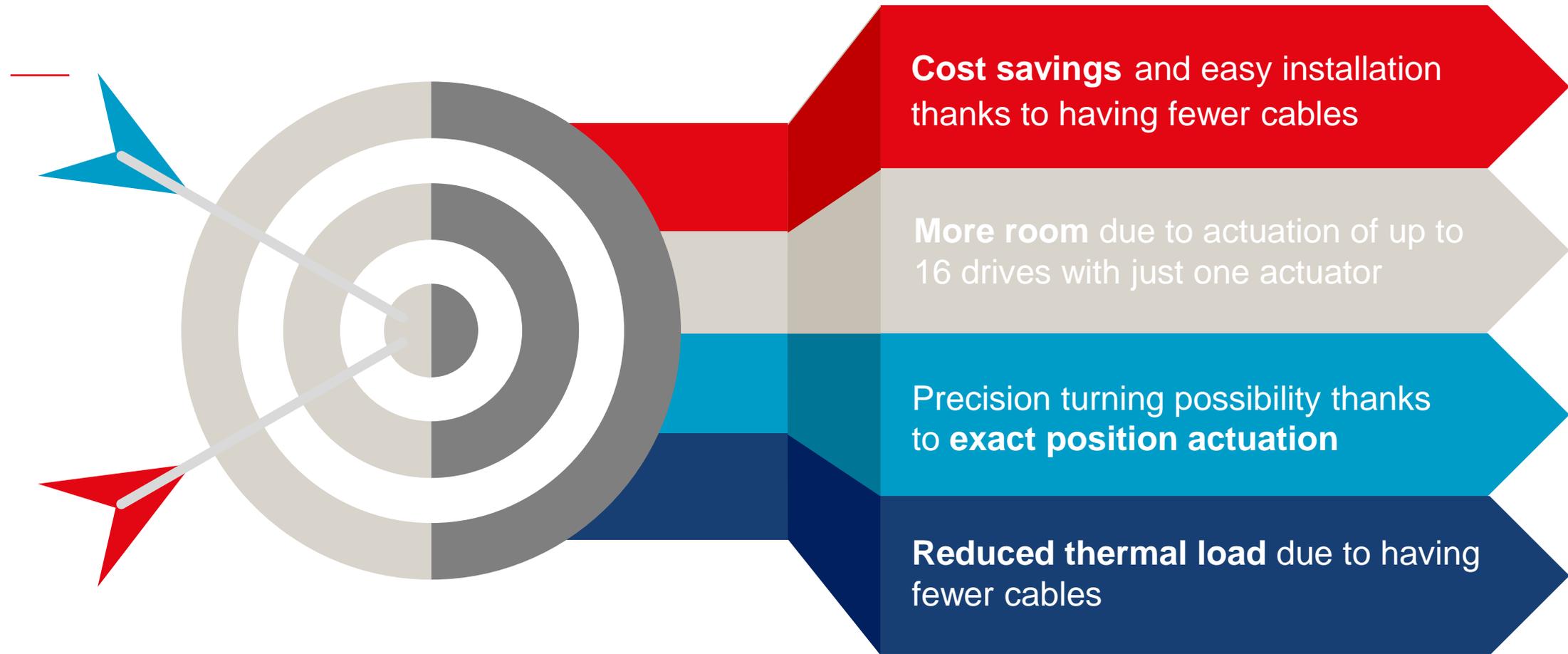
# Highlights

for architects, planners and users



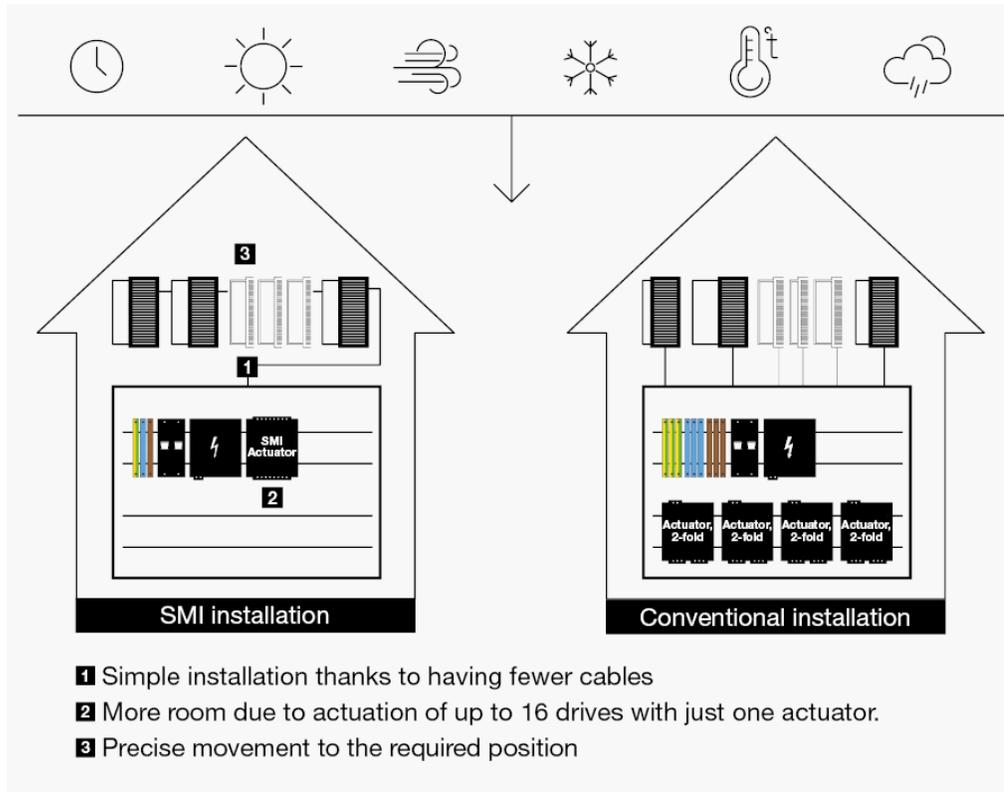
# Highlights

for electrical planners, property developers and installers



# Highlights

## Comparison between SMI and conventional installation



	SMI interface	Conventional BUS
Feedback	Directly from the drive	Only from the actuator
Position	Accurate to 1 degree or 1 mm	Movement to position over run time
Required actuators / drive	Up to 16 drives per actuator in parallel	Up to 8 drives / actuator in parallel
Individual control	Yes	Yes

# Highlights

## Simple ordering procedure

Article	Article number
Hawa Motronic 60 SMI	30289
Hawa Motronic 100 SMI	30317
Hawa Motronic 140 SMI	30318
SMI drive set for Hawa Frontslide 60	30520
SMI drive set for Hawa Frontslide 100	30521
SMI drive set for Hawa Frontslide 140	30522
Wieland socket	30277
Adapter for SMI for commissioning box 23789	30363

More detailed information can be found in our “On buildings” catalog in the [Hawa Product Finder](#).

# Market launch of Hawa Motronic with SMI

## Milestones

Announcement  
of sales  
partners

January 2023

Readiness  
for delivery