



# Smart Windows that predict your needs



Maximize Daylight



Maintain Views to the Outside



Minimize Glare



Optimize
Thermal Comfort





# Intelligence® is a model based predictive control designed to create delightful human environments

**View's Dynamic Glass** let's in natural light and views, while blocking glare, to enhance mental and physical wellbeing by significantly reducing headaches, eyestrain and drowsiness<sup>[1]</sup>. In addition, View windows reduce glare and heat, improving the energy efficiency of buildings by up to 20%. Finally these windows are digital, connected, and can be controlled from anywhere, including your phone – no blinds or shades required.

A smart window is only as smart as its control system. For maximum occupant comfort, windows need to be at the right tint at all times without requiring manual intervention. That is why, in 2012, View invented the first and only predictive control for dynamic glass, View Intelligence®. With Intelligence®, your windows respond predictively with no occupant intervention, meaning occupants enjoy the views and daylight without lifting a finger. In order to maximize occupant comfort, View Intelligence® considers everything about a building: where an occupant sits, the usage of the space, the physical geometry, and the external weather. View has now installed dynamic glass in 35 million square feet of building space, continually advancing predictive control.

We spend 90% of our time in buildings, and View is on a mission to make that time better. View's team continues to innovate and improve the occupant experience. With Intelligence®, our focus on occupant delight has never been so clear. Better predictive intelligence, improved user control and customization makes a building space even more delightful.

## **How it Works**

Intelligence gathers inputs to predictively control the space for increased occupant delight



### View Intelligence® Uses:

- Weather Measurements
- Building Orientation
- Time of Day

- Sun Angle
- Cloud Cover
- IR and photo sensor readings from the View Sky Sensor
- Overhangs and obstructions
- Nearby buildings and other external obstructions
- Occupant Location

**View Intelligence**® is an advanced predictive algorithm designed to predict and choose the right tint at the right time to maximize occupant delight. In order to optimize the space for each and every occupant, Intelligence needs to know everything about the building and how occupants use it.

Using these inputs, Intelligence® optimizes operation to:

- Maximize Daylight
- Maintain Views to the Outside
- Minimize Glare
- Optimize Thermal Comfort

In addition to predictive control through Intelligence, users can set schedules and override the glass to any tint as desired using the View mobile app. In practice, most users prefer to follow Intelligence operation as it continually optimizes occupant experience.



# **Sky Sensor**

Precise, real time weather data to enable your Intelligent window



- Measures illuminance or brightness throughout the day using several photo sensors
- Detects clouds in any light conditions using infrared sensors
- Made to last outdoors with IP67 dust and water penetration rating
- · Easily mounted on any rooftop
- No sensor required on your facade

### Here's what our customers think of Intelligence®

"There's a saying in Texas: If you don't like the weather, wait five minutes. With Intelligence, our View Dynamic Glass automatically adjusts tint no matter what the conditions."

- **Jeff Kloska**Assistant Airport System Director,
Meacham International Airport



"It just works. No matter how bright or hot the sun shines, with View Dynamic Glass we can keep the windows unobscured to let in natural light all day long. My staff have told me if we ever get rid of the View glass, they'll quit!"







1. https://view.com/blog/opening-door-research - dynamic-glass-workplace/

To find out more, go to: view.com or contact us at 1-855-478-8468

