

# IntelliLock

## THE SMART ACCESS CONTROL SYSTEM FOR YOUR WIND TURBINE

- ✔ Keyless and entirely digital
- ✔ Control and transparency in real time
- ✔ Remote unlocking for emergencies
- ✔ Personalized access permits
- ✔ Customizable security alerts
- ✔ Automatic documentation of access

Today, wind turbines are insufficiently protected against unauthorized access. Gaining full control over turbine access is hard, as transparency on the master keys handed out by turbine manufacturers is limited. However, asset safety and security are crucial for operators as they are the ones who are liable. Also, today's access control processes show room for improvement with regard to efficiency and cost. That is why we developed IntelliLock.

**ENHANCED SECURITY** Stop worrying about physical keys that are hard to control. With IntelliLock, you manage turbine access based on PIN codes that are easy to (de)activate. IntelliLock's real time monitoring function provides you with full transparency on turbine access and enables you to react immediately in case of unauthorized intrusion. As a plus, IntelliLock automatically locks the door if you close it.

**ENHANCED SAFETY** IntelliLock enables you to grant turbine access from the operations control center. In emergency situations, this helps medical staff or firemen to enter without losing valuable time while searching for a key or breaching the door. Of course, IntelliLock also has a panic function so that technicians can escape dangerous situations at any time.

**AUTOMATED PROCESSES** IntelliLock allows you to implement a fully automated access control procedure as it automatically logs who enters which turbine at what time. Hence, technicians can stop calling the wind farm operator to register before they start their work on a turbine. Moreover, think about not having to manage physical keys anymore. IntelliLock lets you focus on truly value-creating tasks.

### TECHNICAL FACTS

- For all standard or tubular frame doors
- Keyless but can be combined with locking cylinder as backup
- Vandal-proof equipment for tough environments
- IT security by design against cyber risks
- Easy software integration via REST API





## SYSTEM REQUIREMENTS

<b>Power supply</b>	230 V AC
<b>Data connection</b>	Ethernet (RJ-45) or via mobile router
<b>Bandwidth</b>	Min. 1 Mbit/s
<b>Software Hosting</b>	Win10 server (VM) for on-premise hosting Internet browser for cloud hosting
<b>Communication</b>	Encrypted connection (VPN)

## SYSTEM COMPONENTS

### BASE MODULES



#### CONTROL UNIT

- Manages system communication
- Mounted on top-hat rail



#### LOCK

- Panic function
- Single or multi-point lock
- Regular key cylinder as backup



#### KEYPAD

- Aluminum housing, IP 65
- Temperature range -25 °C to +70 °C
- Acoustic and optical feedback



#### SOFTWARE

- Access control in real time
- Customizable security alerts
- Remote unlocking of the WTG

### ADD-ONS



#### PANIC BAR

For easy exit in dangerous situations



#### UPS

For continued operation in case of outages



#### MOBILE ROUTER

For autonomous system communication



#### CLOUD HOSTING

As alternative to your own server

For further information please visit [www.intellilock.de/en](http://www.intellilock.de/en)



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