



Access\_Ctrl



Maximum control  
and safety





# Reduce downtime. And increase productivity.

If you work in industry, you know that every downtime is an expensive event. The fact is that unplanned downtime costs the Swedish manufacturing industry up to SEK 200 billion per year. On average, a sudden machine failure is ten times more costly than a planned shutdown. Our connected Access\_Ctrl service minimises unexpected stoppages while creating a safe and efficient working environment.

## **Minimise accidents and injuries**

The human factor is a contributing cause of stoppages and accidents. Not having full control over how heavy industrial cranes are handled and by whom is a contributing factor in causing personal injury and damaged goods. Access\_Ctrl helps you minimise accidents and injuries in your workplace. It helps managers, operators and administrators to improve production efficiency, manage the necessary permits and increase personal safety. It also enables you to make major cost savings and enhance profitability. And it's easy to manage thanks to the clear web interface.

## **Increase safety and security**

In industries where heavy lifting and critical processes are carried out on a daily basis, personal and production safety is paramount. Operators must be able to perform their job as safely as possible without the risk of injury to any other person in the room. With Access\_Ctrl, everyone can feel safe.

- **Safer and more secure working environment**
- **Cost savings and higher profitability**
- **Streamlined processes**
- **Fewer production stoppages**
- **Quicker incident management**

# Together we are creating the workplace of the future.

At Åkerströms, we are passionate about helping our customers to join the digital transformation of the industry. Sharing our knowledge and expertise is a matter of course. Our strength lies in working closely with you our customer, delivering flexible solutions based on your unique needs and requirements.

## A tailored solution just for you

Access\_Ctrl is the name of our connected services for access management and the logging of production data. The service offers increased control and safety for those working in industrial applications and complements Åkerströms' robust and secure radio control systems. Access control provides safety and control around the handling of radio controlled processes, minimising costly production down-times and personal injury.

## Full control over who is driving and when

The administrator can easily see which users are logged on and using the crane and at what times. The system also features a complete log that can display invalid logins and who has attempted to access the crane. Access\_Ctrl also shows if any crane goes offline. This gives you greater confidence, knowing that only authorised personnel can activate the radio control system and operate the crane.

## Easy to calculate maintenance requirements

It is also possible to input start and stop times for access to specific cranes. All data is stored in the cloud or on your own server, with secure access at any time and for any period. You can

also select precise figures for how much to lift, which vibrations are present, how fast the crane is operated or by how much the crane is unbalanced. This makes it easier for you to calculate the maintenance requirements and service life of cranes and machines.

## Daily inspection

The daily inspection of a crane or machine is the basis for detecting errors and deficiencies before larger, more costly errors occur. Access\_Ctrl ensures that the daily control is performed and reported.

## Use your existing tags

Access is managed with any Mifare RFID tag, which shows the status of controlled cranes and authorised operators. You can use existing tags that are already in use in the business, for example ID06, making it easier for you to manage and reducing unnecessary administration.

- Flexible solutions based on your needs
- See who was driving when, where and how
- Calculate the service life of cranes and machines
- Authentication with any existing tag

Access\_Ctrl is connected in parallel to Åkerströms radio controls and, together with a web interface, allows you to control access and collect data for analysis. Access\_Ctrl can be connected via WiFi, Ethernet, 3G/4G and has RS232/422/485 inputs for external sensors, such as temperature sensors and vibration meters. The data from your production and personnel is always secure. Each device has local redundancy for saving data and access if you should lose the connection.

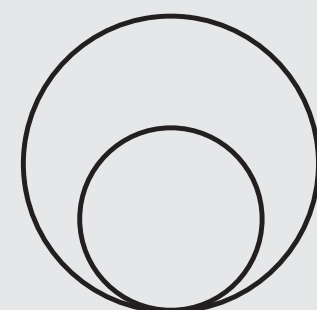


# On an innovative mission since 1918 and into the future.

Anders Åkerström began manufacturing electrical components over 100 years ago. These were then developed to become the first radio controlled winches for the forestry industry. These robust and reliable solutions still characterise our modern radio control systems and have subsequently enabled our industrial customers to streamline production, improve personal safety and increase competitiveness.

Åkerströms head office is located in Björbo, Dalarna county. But now we are found wherever our customers are. In other words, anywhere in the world. We always go the extra mile to keep the industry which we ourselves belong to up and running, both in Sweden and around the world. We are driving development within our industry through robust product solutions combined with the digitisation of critical industrial processes.

Our customisable Access\_Ctrl application gives you access to efficient and safe work environments that take you closer to the future. Contact us and we'll help you get there a little faster .



Access\_Ctrl

# Contact us for a free demo



Sound interesting? Contact us today to learn more about Access\_Ctrl and how to make your work environment safe and efficient.

[info@akerstroms.se](mailto:info@akerstroms.se)  
[akerstroms.se](http://akerstroms.se)

## What the Swedish Work Environment Authority says

Every year, approximately 700 reports are submitted to the Swedish Work Environment Authority on workplace accidents involving sickness absence, which occurred when using lifting devices. About half of the reported occupational accidents result in sick leave for more than 14 days.

The Swedish Work Environment Authority has produced several regulations on lifting tasks that the employer must know and follow in order to prevent accidents and injuries. One of these requirements is that all work equipment must only be used for its intended purpose. It is strictly forbidden to remove any protective devices or ignore the use of protective equipment. Employees must also exercise the necessary precautions to prevent ill health and accidents.

Employers must ensure that employees using lifting devices or lifting implements have sufficient theoretical and practical knowledge for safe use of the equipment. The knowledge required may vary depending on the complexity of the lifting device or implement.