



Access_Ctrl



Digital authorization and logging

For increased safety in industrial environments

Reduce unplanned downtime and improve safety in lifting operations

Unplanned downtime is one of the most costly challenges in the industrial sector. A sudden failure often costs many times more than a planned stop, both in lost production and in increased risks for personnel.

Access_Ctrl is Åkerströms' digital services offering that complements our radio remote control solutions in industrial environments. It helps companies maintain full control over who is authorized, properly trained, and certified to operate machines and lifting equipment. This contributes to higher safety standards, more responsible usage, and improved control in daily operations.

Access_Ctrl is currently adapted for heavy lifting equipment such as overhead cranes, where a significant share of accidents and incidents are related to lifting operations. The service is continuously being developed for additional applications to further strengthen safety across the industrial sector.



Authorized access to cranes and lifting equipment

Many incidents involving heavy lifting are not caused by technical failures, but by human factors such as inadequate procedures, incorrect handling or unauthorized use.

With Access_Ctrl, the remote control can only be activated by authorized operators. All usage is automatically documented, strengthening traceability and making it easier to follow up on both safety and responsibility in daily operations.

Administration is handled through a user friendly web interface where authorizations are easily managed and responsible personnel gain a clear overall view. New operating permits can be issued quickly with the correct validity period, for example for external contractors or other personnel who need access to cranes for maintenance and service.

Full control and traceability in daily operations

Access_Ctrl makes it possible to see, in real time, who is operating the crane and when. The system also records attempts to log in with invalid credentials and can indicate if a crane goes offline.

This provides greater confidence that the equipment is being used correctly and only by authorized operators, while also creating clear documentation in the event of incidents or deviations.



Digital daily inspections as part of the workflow

Daily inspections are a fundamental requirement for safe operation. With Access_Ctrl, inspections are integrated directly into the operator's daily workflow. The operator is guided through the inspection checkpoints via the transmitter, and each step is confirmed digitally.

Once the inspection is completed, it is automatically logged. This reduces manual paperwork and ensures that procedures are followed consistently over time.



More efficient workflows and less administration

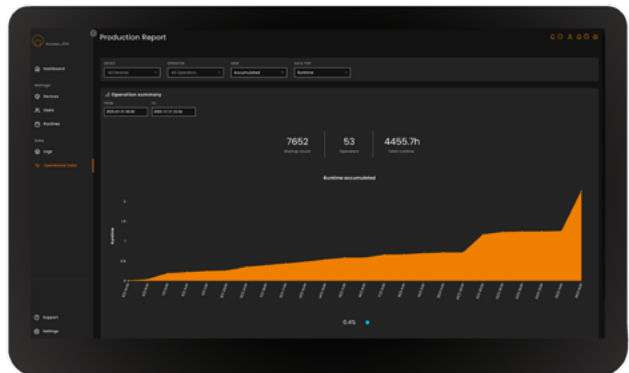
Fewer errors and faster response to deviations

Higher safety and full traceability

Maintenance based on actual usage

By collecting operational data, Access_Ctrl enables a more preventive approach to maintenance. Instead of planning service solely based on fixed intervals, you gain better decision support based on actual usage and load.

This reduces the risk of unplanned downtime and helps extend the service life of the equipment.



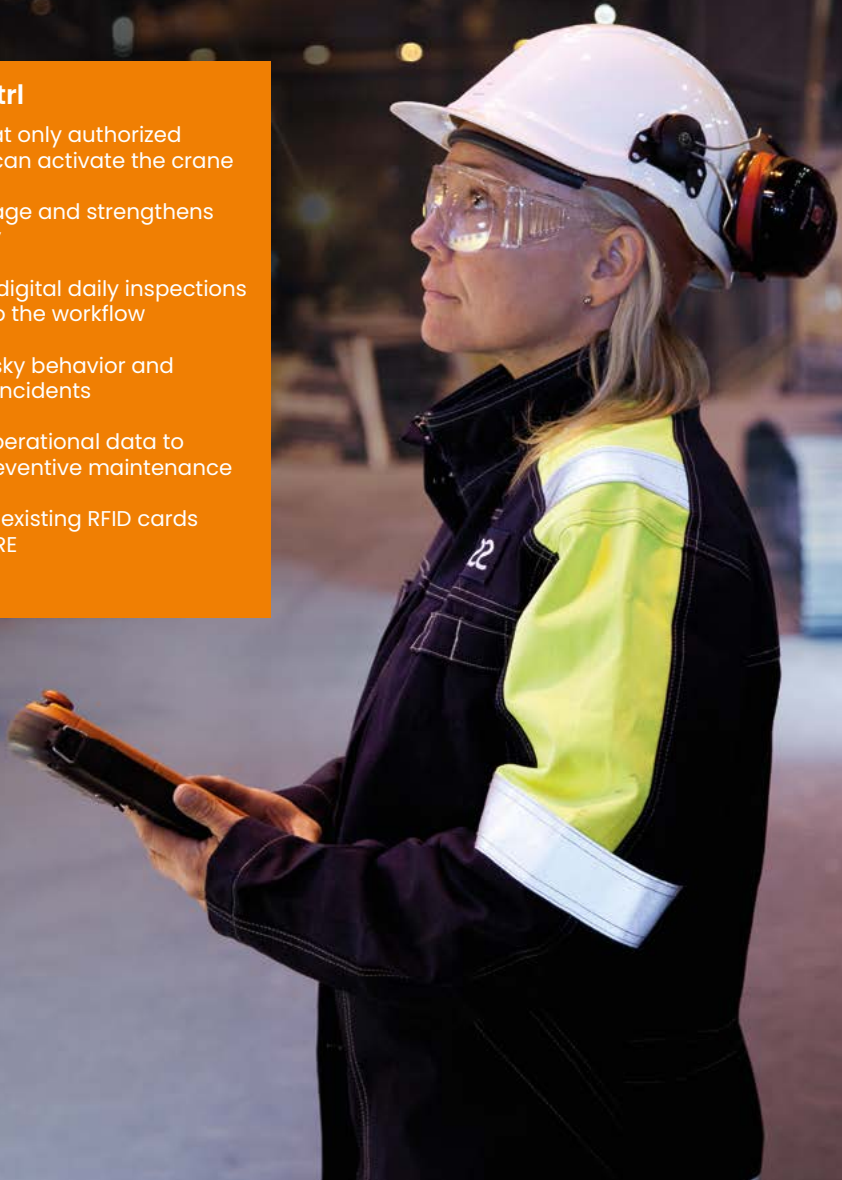
Easy implementation using existing RFID cards

Access_Ctrl is based on RFID technology using Mifare, allowing many companies to use their existing access cards such as ID06. This simplifies implementation and reduces the administrative effort related to managing authorizations.

If a card is lost, it can be quickly blocked or removed directly via the web interface. This minimizes the risk of unauthorized access to equipment and ensures that a high level of safety is maintained without delay.

Access_Ctrl

- Ensures that only authorized operators can activate the crane
- Logs all usage and strengthens traceability
- Integrates digital daily inspections directly into the workflow
- Reduces risky behavior and minimizes incidents
- Provides operational data to support preventive maintenance
- Works with existing RFID cards using MIFARE

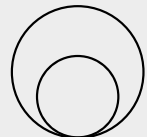


On an innovative mission since 1918 and into the future.

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 demo



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

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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.



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