

# AT ČESKÁ ZBROJOVKA, WE TAKE AIM AT LOGISTICS

Česká zbrojovka was founded in 1936 in Uherský Brod. Since 2022, the company has been part of Colt CZ Group SE. It is one of the world's leading manufacturers of small arms and exports its products to 90 countries around the world.



*„Time Slot Control has brought order, clarity, and security to our logistics. The application has become an integral part of our internal workflow and gives us full control over carrier arrivals and departures.”*

— **Adam Pavlůsek, Internal Logistics Specialist, Česká zbrojovka**



## **What led you to decide to implement a system for planning unloading and loading?**

The main impetus was safety. Dozens of vehicles arrive at our premises every day, and without a controlled system, it was not realistic to effectively control the movement of carriers. Vehicles moved uncontrollably around the premises, which posed a significant risk.

The turning point came in 2022 with the creation of a separate internal logistics department. Controlling vehicle entry and movement on the premises became one of our priorities.

## **How did you choose the right solution, and why did you choose Time Slot Control?**

We considered several different platforms. We needed a user-friendly cloud solution that could be accessed via phones or tablets and that also met our requirements for data security and system administration, which we could manage independently.

## **How did the implementation go, and what were the individual phases of the system deployment?**

First, it was necessary to approve security protocols and certificates. The technical launch of the portal then took place within a few days.

We first tested the system internally using a fictitious carrier account and then involved users from the finished product dispatch department. Loading is crucial for us, mainly due to record keeping, security, and the fact that we only have one loading ramp.

From the outset, the project was supervised by the security department, which quickly appreciated the benefits of the system. After a few months, we created our own user manual for carriers. The most challenging part was not the technical launch, but setting clear rules and enforcing them consistently.



During 2023, we gradually trained carriers, fine-tuned the settings, and further customized the system. We introduced Slot Monitor for clear work planning in the goods receipt area and created virtual unloading points. At the beginning of 2024, with the full support of management and security, we tightened the rules. It turned out that any exceptions led to a loss of control. After three months of strict enforcement, by the end of March 2024 all partners respected the system, and most carriers appreciated its benefits - check-in is smoother and without unnecessary waiting.

### What specific changes and benefits has the TSC system brought to your logistics?

The fundamental benefit is data. Thanks to it, we can plan and evaluate warehouse operations, monitor carrier discipline, track the duration of individual activities, and prepare materials in advance.

A major advantage is the detailed event log - we know exactly who did what and when. This is crucial, for example, in the event of a complaint, when we are able to retrieve camera recordings within minutes and significantly reduce security workload.

Partners have an online overview of the status of their reservations, which increases transparency. The result is also a change in corporate culture - there are fewer urgent interventions, phone calls, and less disruption. A symbolic confirmation of success is when registered drivers themselves warn others that without a reservation, they are simply blocking the gatehouse.

### Have you noticed any savings or more efficient use of resources?

The biggest benefit is the ability to anticipate and plan. If we know what is coming, we can prepare the space, equipment, and people in advance, and we do not have to work in firefighting mode. Our qualified employees therefore have more space to work

calmly and with greater concentration. We are currently also able to quantify actual savings, especially in terms of human labor and administration.

### Which add-on modules have you used or plan to implement, and what will be your next step in growing with the Time Slot Control system?

TSC offers a wide range of settings, and we are programming additional functions in cooperation with the supplier. The first add-on was Slot Monitor.

We are currently planning integration with SAP, which will move TSC from yard management to a supplier portal linking orders to specific vehicles. We are also preparing security alarms, ramp extensions, monitoring of selected carriers, integration with Power BI, packaging account management, and an automatic gatehouse module. In the future, we want to integrate a system for managing transport between sister companies.

### How would you rate the user-friendliness and technical support of TSC?

The portal is very intuitive, and most users learn how to work with it without any special support. The mobile and tablet versions make work much easier for warehouse staff. We have only used technical support on rare occasions, and they have always responded quickly and to our satisfaction.

### Would you recommend the Time Slot Control system to other companies in the arms or related industrial segments?

Definitely yes. An overview of loading and unloading, their history and timing is essential for long-term planning. Today, it is difficult to imagine working without TSC. At the same time, however, the success of the system depends on user discipline and strong management support. We know it works, and we will continue to develop the system.

## MONTHLY SAVINGS

 <b>Personnel costs</b> (gatehouse, warehouse)	<b>CZK 80.000</b>	Smooth gatehouse operations, security - faster retrieval of documents for shipment complaints, fewer telephone arrangements
 <b>Reduction in handling equipment</b>	<b>CZK 30.000</b>	Better planning → lower workload
 <b>Savings thanks to more accurate processing</b>	<b>CZK 50.000</b>	Shorter waiting times, less congestion
 <b>Administrative efficiency</b>	<b>CZK 25.000</b>	Fewer emails, phone calls, quicker approvals
 <b>Total monthly savings</b>	<b>CZK 185.000</b>	CZK 2.22 million per year



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