

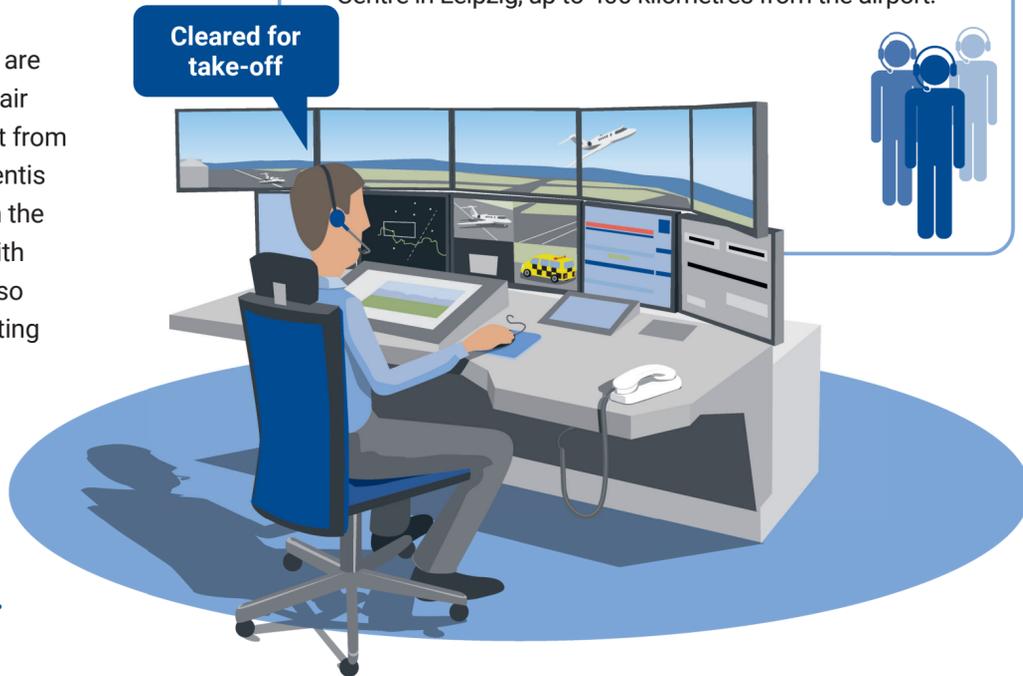
# Remote Tower Control

## Tower control services from afar

Does every airport still need a control tower? What was once taken as given will be different in the future. Many air traffic control organisations are increasingly backing the remote tower control (RTC) concept. With RTC, air traffic controllers handle traffic at the airport not from a tower on site but from a distant control centre. DFS and the Austrian high-tech company Frequentis have together developed a particularly advanced solution. The view from the tower cab is replaced by one delivered from a camera tower equipped with both static and pan-tilt-zoom video and infrared cameras. The system also supports air traffic controllers in doing their work by automatically detecting and tracking aircraft and other targets. The system has been in use at Saarbrücken Airport in Germany since the end of 2018. It is going into operation at Erfurt Airport in April 2022.

## The Remote Tower Control Centre

The air traffic controllers who handle traffic at Erfurt and Saarbrücken airports sit in the Remote Tower Control Centre in Leipzig, up to 400 kilometres from the airport.

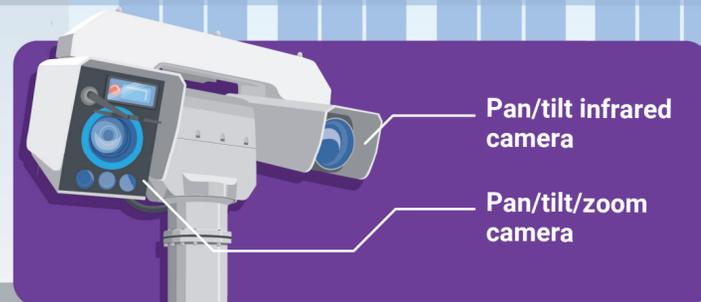
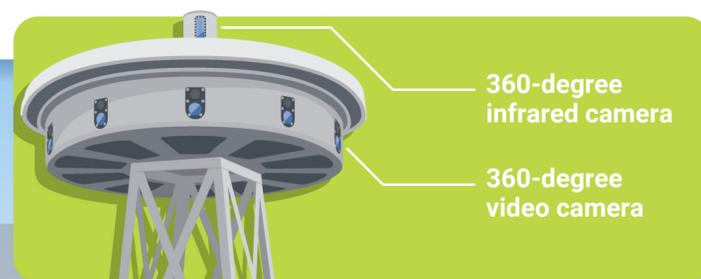
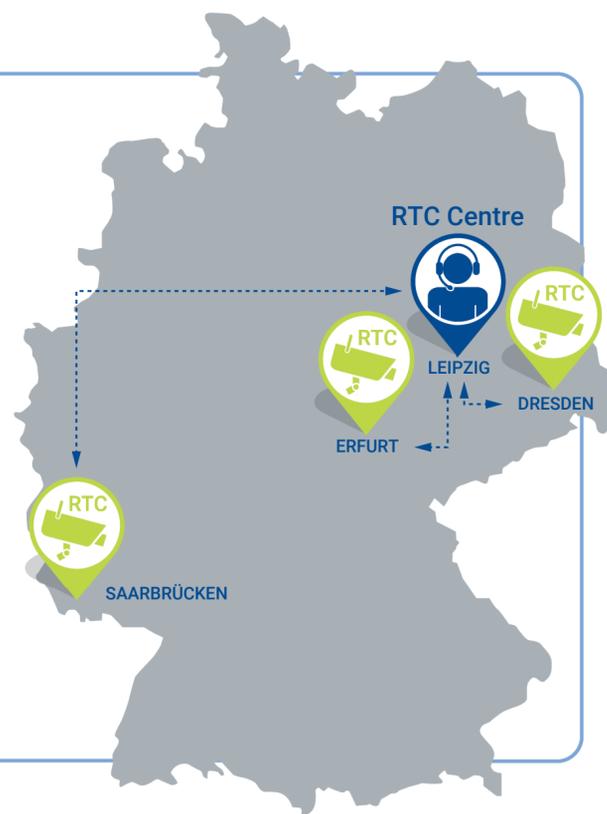


Transmission of video data

Controlling the cameras

## The future with remote tower control

DFS launched remote tower control with Saarbrücken Airport. After the start-up at Erfurt Airport, it is already planning the next step. Dresden Airport will also be equipped with camera systems and integrated into the Leipzig centre. DFS will then control these three airports from one location.



Cleared for take-off

