

# SUCCESS STORY

## SOUND INSULATION INDUSTRY

Essen, EVAG, Germany

### PROJECT DATA

#### Brief description

Re-equipping the Ruhrbahn (EVAG) printer control centre with Cisilent® type E, replacement of elements after renovation.

#### Requirement

After the renovation, the office workplaces have to be acoustically decoupled from the printer control centre with Cisilent® type E and at the same time ensure unrestricted access to the printers.

#### City, year

Essen, 2022

### PROJECT DESCRIPTION

Large numbers of magazines and notices are printed in EVAG's printing centre. A distribution corridor separates the office workplaces from the printers. These must be loaded with paper and the printed products brought to the next work steps on pallets. Since 2008, the staff at the desks have been protected from the noise of the printers with the Cisilent® Type E curtain system. Now, a conversion of the printing centre took place, whereby the curtain system was adapted to the changed premises. Our partner Kaldeweide advised, manufactured, and installed the curtain system in 2008 and renewed it in 2022.

### SOLUTION

In addition to the acoustic decoupling of the areas, access to the printers should be kept as simple as possible. Kaldeweide designed a curtain system that was already oriented towards the joist along the ceiling of the distribution corridor in 2008. The proven principle was retained after the renovation. Kaldeweide installed a 3-part curtain system with special brackets. The raw materials of the new Cisilent® system correspond to the material used at that time. The richness of experiences gained by optimisations of the design. For example, the sound insulation as well as the durability of Cisilent® was significantly increased, and the handling improved, e.g. by means of handles.

