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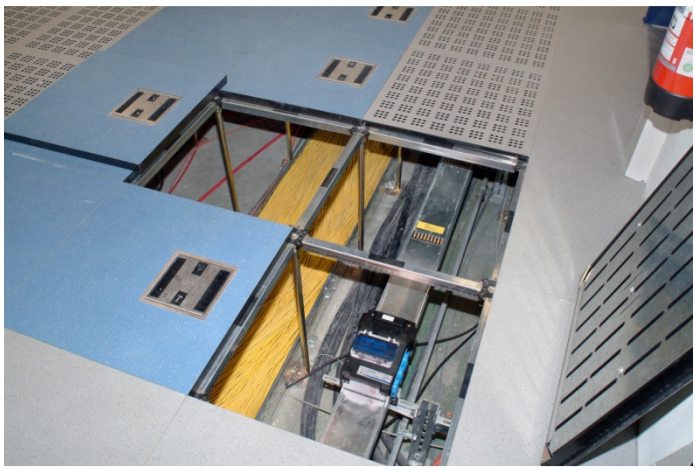
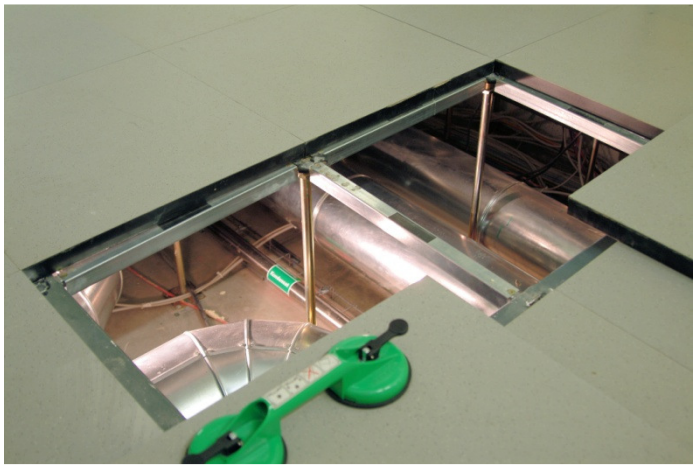
SAP, Walldorf - Germany

Site management:	**Architects Vorfelder, Walldorf**
Floor Systems:	**14,200 sqm access floor type 6** **500 sqm access floor type 2** **7,900 steel ventilation panels**
Completion:	**2003**



Intense discussions with consultants and client during the planning stage made it possible to meet and realize the requirements of SAP.

14,200 sqm of MERO access floor type 6 NB with screwed stringers and dowelled pedestals were installed. Despite the total floor height of 80 cm, bridging of fire protective materials with a length of up to two meters were utilized. For the temperature control of the computer rooms and computers, the access floor was installed as air plenum. That means that air flows into the rooms through 7,900 steel ventilation panels, equipped with gradual air flow control. To obtain maximum efficiency in placing the computers, approx. 50% of the ventilation panels used were manufactured in special sizes. approx.

11,500 sqm access floor in the corridors and the computer rooms was provided with factory-applied conductive rubber. More than 500 sqm frames ensure the stability of the switchgear cabinets.