

## Simple disposition of stocks in the plastics industry

### The Challenge



A supplier to the automotive industry modernized its site plant for plastic granules. He also wanted to invest in a complete level monitoring system in order to automate his manual measurements in the future and to read the filling levels conveniently on the PC screen. It shows various granulates in a series of silos. These are filled by truck.

### Our Solution

The silos were equipped with electro-mechanical level systems NEM 100. Partially, there were no process connections on the infrastructure on-site. The specially designed adjustment flange for NEMsilos was used here. It could be accessed from the outside to the roof without welding necessary. In part, the sensors were attached to the available connections. Capacitive sensors (NEM30) and also rotary paddle detectors (NEM100) are used as silo fill sensors. A user-friendly and also flexible visualization was implemented with NEMvis. Here, a web-server is used, which allows all Ethernet PCs to use the visualization without license costs. In addition, this system can also be adjusted to specific customer requirements and wishes.

