# REAL-WORLD EXAMPLE

flexijet 3D


## Complex oak railings from site measurement to CNC production

*Project by:*
**Johannes Wortmann, Balve**
**www.wotre.de**

The complex and curving staircase in a school building in Bochum needed to be measured to produce solid oak railing caps - normally a challenge!

'Wortmann Stairs' used the Flexijet 3D to digitally measure the curved concrete profile on site. From there, the accurate measurement file was used for final design and sent straight to CNC manufacturing to produce the handrails from solid oak.

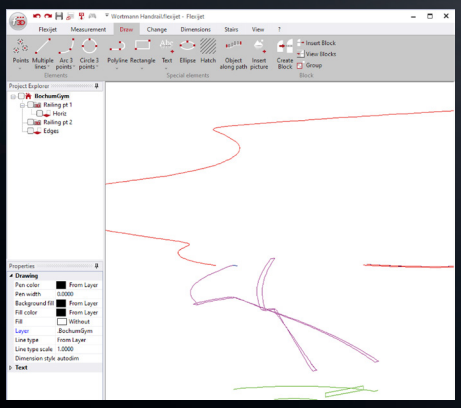
Becauase of the accuracy Flexijet 3D's site measurements, the handrail was manufactured precisely to fit in the shop without tedious test-fitting.

The result: every part fit just as expected during installation, with no with no complications on the jobsite.

**Time with Flexijet: 14 hrs**

**Without Flexijet: 40hrs**

**Savings: 26 hrs**



flexijet 3D North America

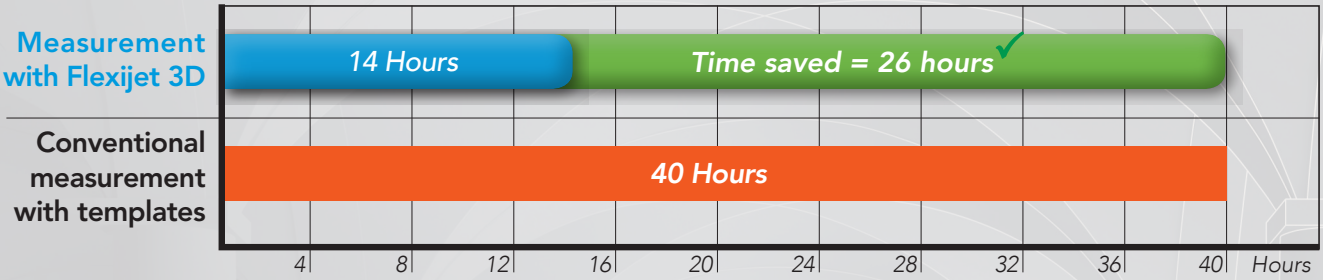
T 1-844-MY-FLEXI
@ sales@flexijet.info

www.myflexijet.com

Measure and draw directly into FlexiCAD from your jobsite and project CAD points for installation to save time and money!

flexijet 3D
Digital Measurement System

## Project Savings with Flexijet 3D:




| | Time | | Std. rate | | | |
|---|---|---|---|---|---|---|
| Savings with Flexijet 3D: | 26 Hours | x | 50 $ | = | 1300 $ ✓ | 65 % |
| Increased efficiency: | | | | | | 185.7 % |

*"Without the precision and workflow of our Flexijet, the conversion would not have been economic. We would not have accepted this job without Flexijet."*

*- Johannes Wortmann*

## Flexijet 3D offers many advantages:

- Single-person operation
- 3D capture all shapes, geometries and complex spaces
- Continuous and precise measurement of all angles
- CAD-to-Field projection for layouts and installations
- Eliminate incorrect measurements and interpretation errors
- Real-time graphic control while on-site
- Image and voice recordings for seamless measurement documentation
- Unlimited measurement through location change via reference points
- Immediate area and room calculations
- No need to make physical templates
- Ease import/export to CAD/BIM programs
- 360° range of measurement and point projection