

HP SitePrint Floor Level





Floor analysis

What it is

The process of measuring how **smooth** and **even** a floor surface is.

Floor Flatness

Floor flatness is the smoothness of a floor surface

Floor Levelness

Floor levelness is how close the floor is to its intended elevation.





Floor analysis

Why it matters



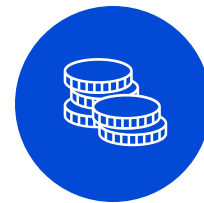
Safety
Hazard



Operational
Damage



Operational
Efficiency



Cost
Overruns

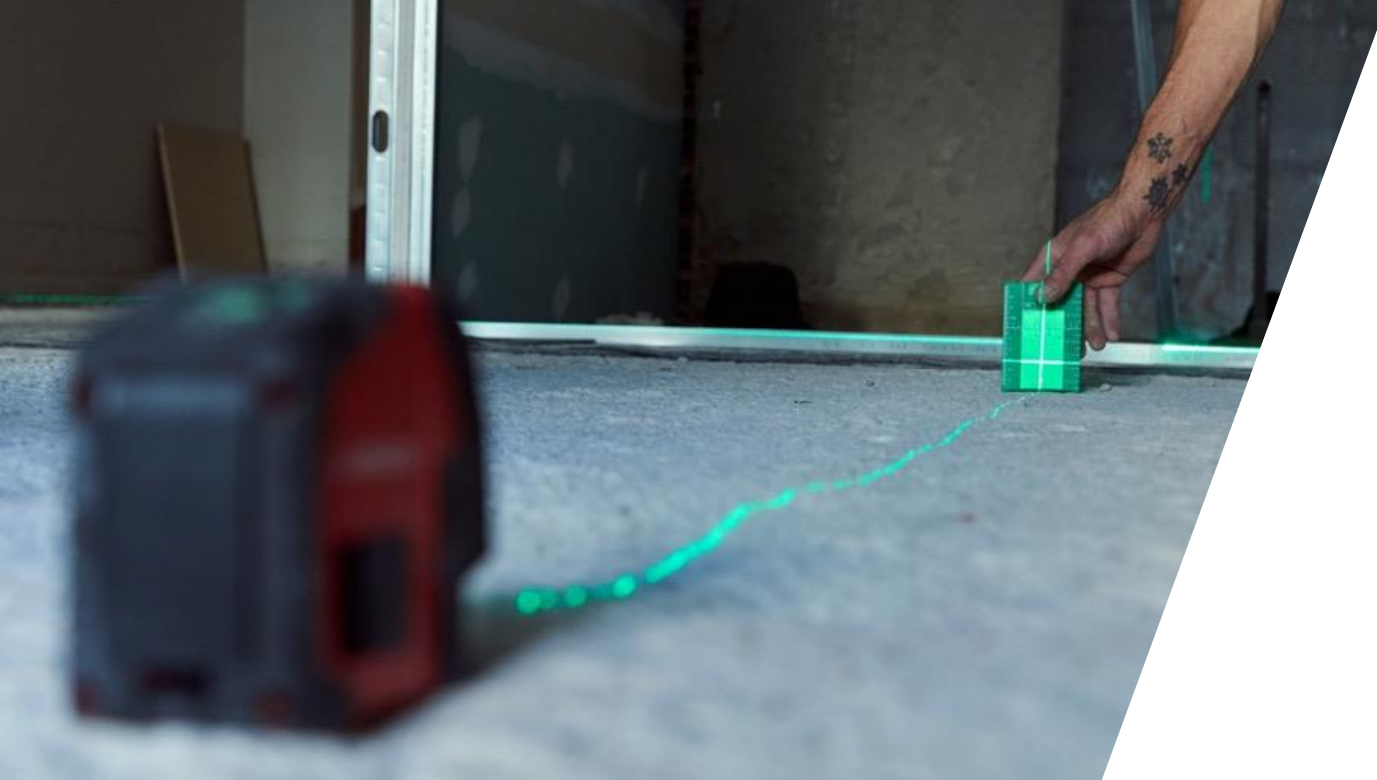


Liability



Floor analysis

Why it is hard



Time consuming **manual process** with risk of errors



Large **files hard to handle** and share on standard devices



Office post-processing many times required



Heavily **standardized** process

Target Market



Building Construction



Industrial Facilities



Target Market

Industrial Facilities



01

Direct impact on operation

02

Required in most of the jobs

03

Facilities recurrent renewal

04

Technology adopters

05

Strong need for precision

Target Customer Industrial Applications



Machinery
Installation

Manufacturing
Plants

Racking
Warehouse



Equipment Installation

Industrial equipment needs leveled floors
for **safe & optimal** operation



Layout
equipment
location



Levelness
at layout
area



**Correct floor
deviations**



Floor Level for equipment installation

Several time-consuming steps are required with many different technologies

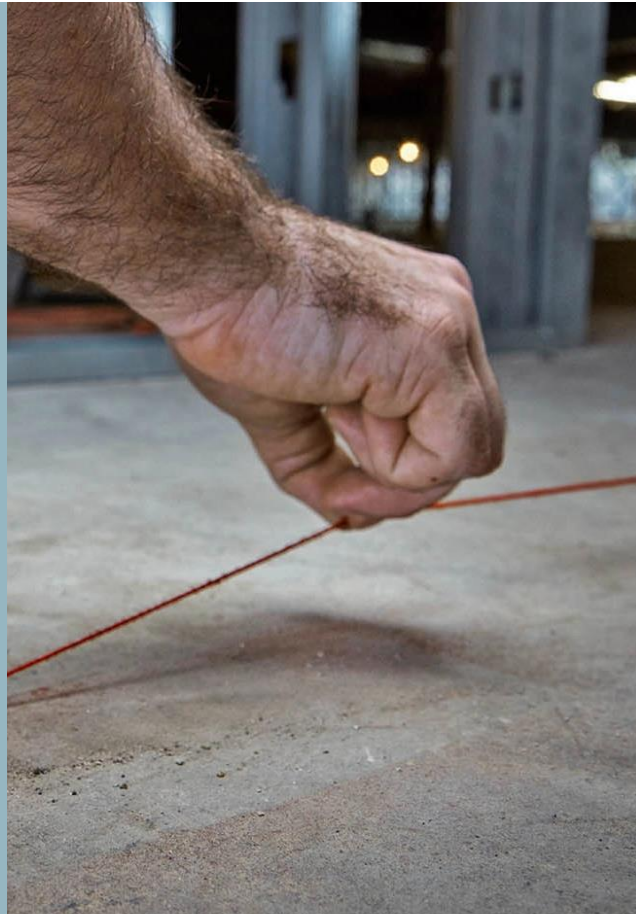
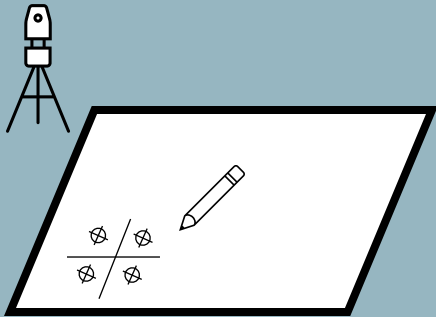


Floor Level for equipment installation



Several time-consuming steps are required with many different

Layout

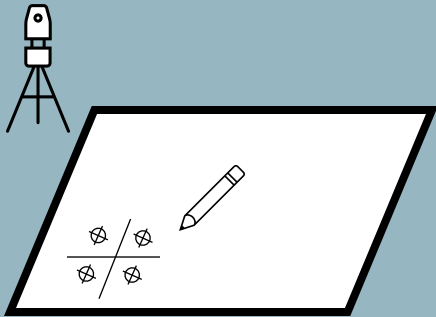


Floor Level for equipment installation

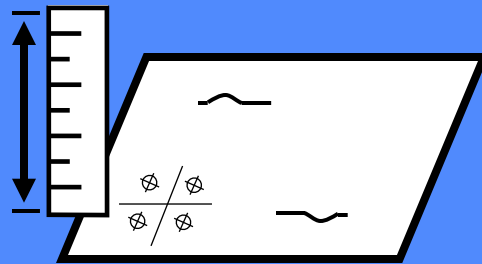


Several time-consuming steps are required with many different

Layout



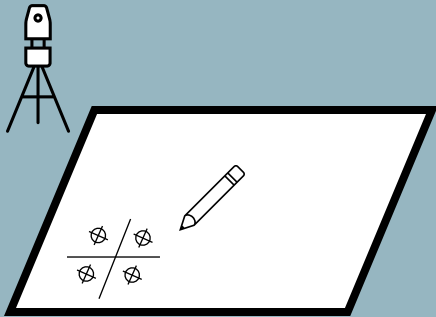
Measure Floor Level



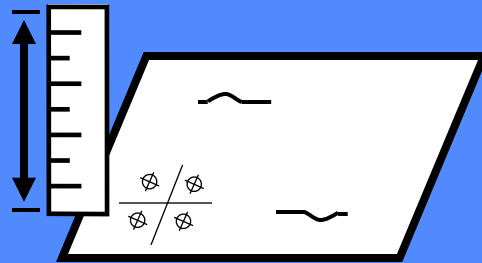
Floor Level for equipment installation

Several time-consuming steps are required with many different

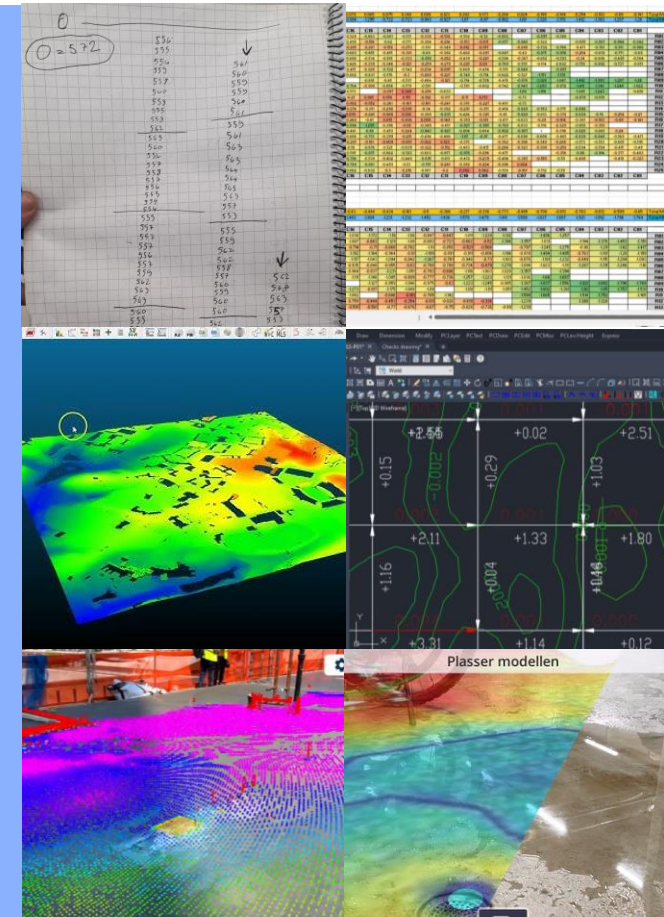
Layout



Measure Floor Level



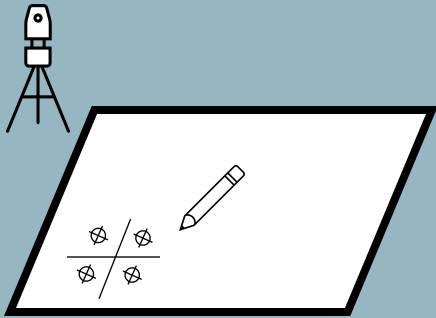
Process Data



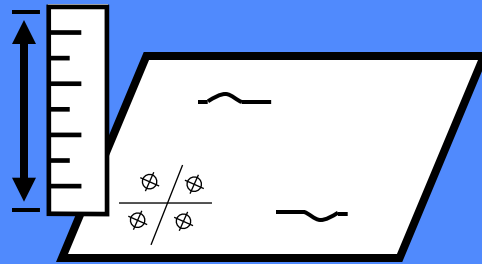
Floor Level for equipment installation

Several time-consuming steps are required with many different

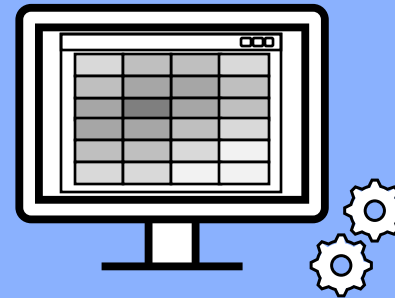
Layout



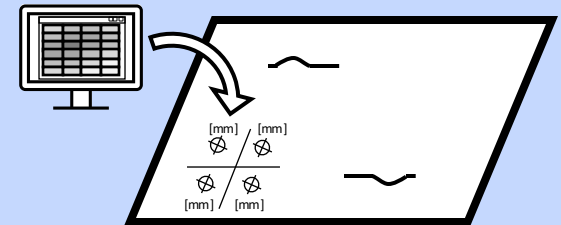
Measure Floor Level



Process Data

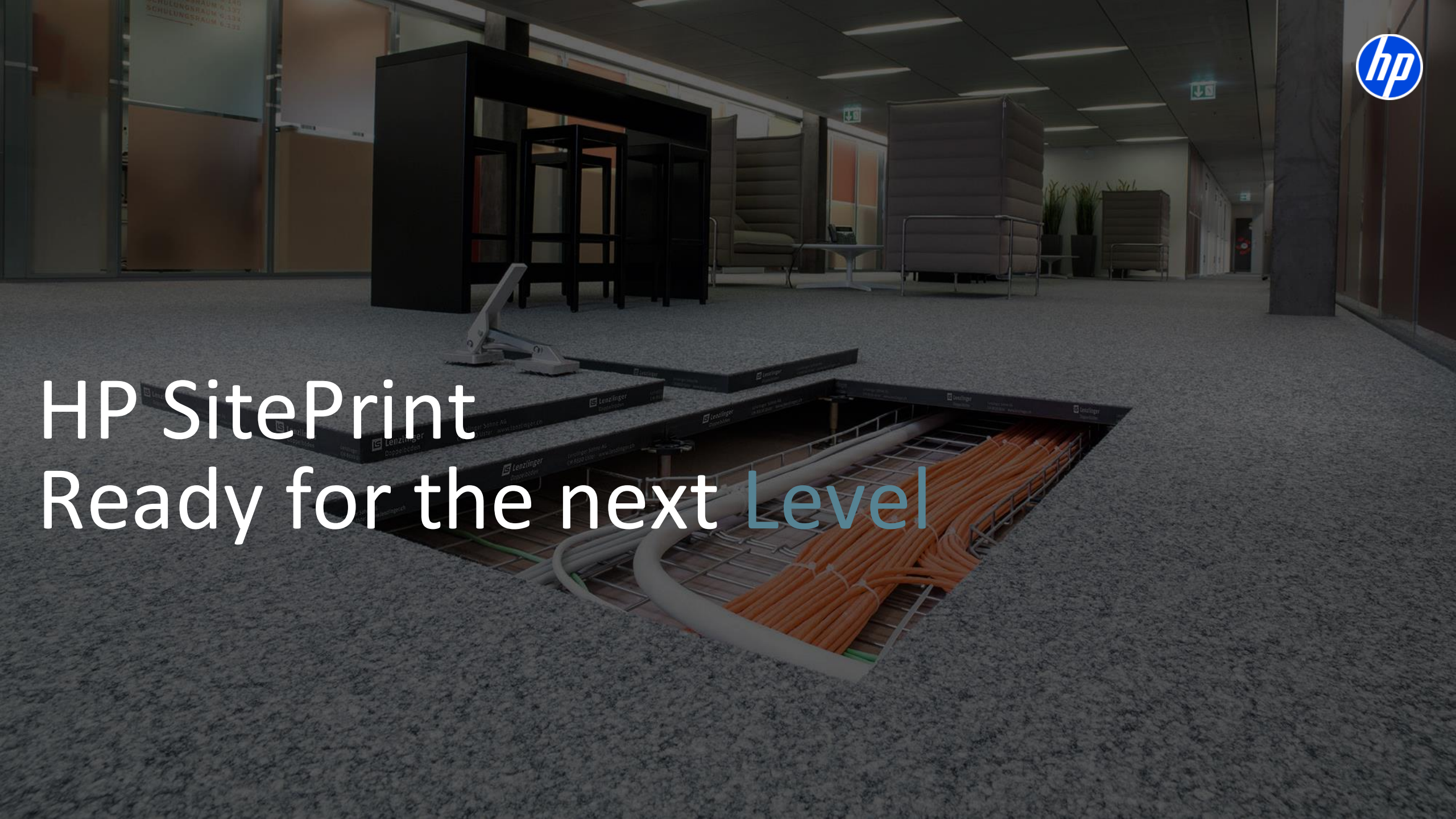


Mark Deviations





HP SitePrint Ready for the next Level



Save time and costs



- Capture elevation while printing
- No office processing required
- Prevent delays & mistakes

- Mark floor deviations on-site
- Align all teams fast
- Guide decisions with data



Enhance collaboration

Easy To Use



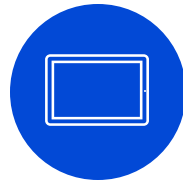
- Instant clear results
- Same operators & same tools
- Skip complex data processing



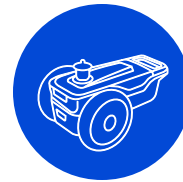
Floor Deviation Marking



Capture height from the Total Station **while printing**



Get elevation information in **real-time**



Print floor deviation corrections on the slab



Levelness data accessible **from the cloud**



Capture elevation from the Total Station



Use your Total Station beyond layout



Get accurate floor levelness data



Z-coordinate captured
while printing CAD points



Fused with internal sensors
for max precision



Height accuracy tolerance
of 2 mm (3/32")



Get floor deviations in real-time



See instantly floor deviation after printing



Customize visuals to your needs



Spot points needing correction fast



Choose your preferred reference plane



Set range and acceptability tolerances



View the floor deviations with color codes



Print floor deviation corrections on the slab



Keep all teams aligned



Prevent installation errors



Floor deviation layer created automatically



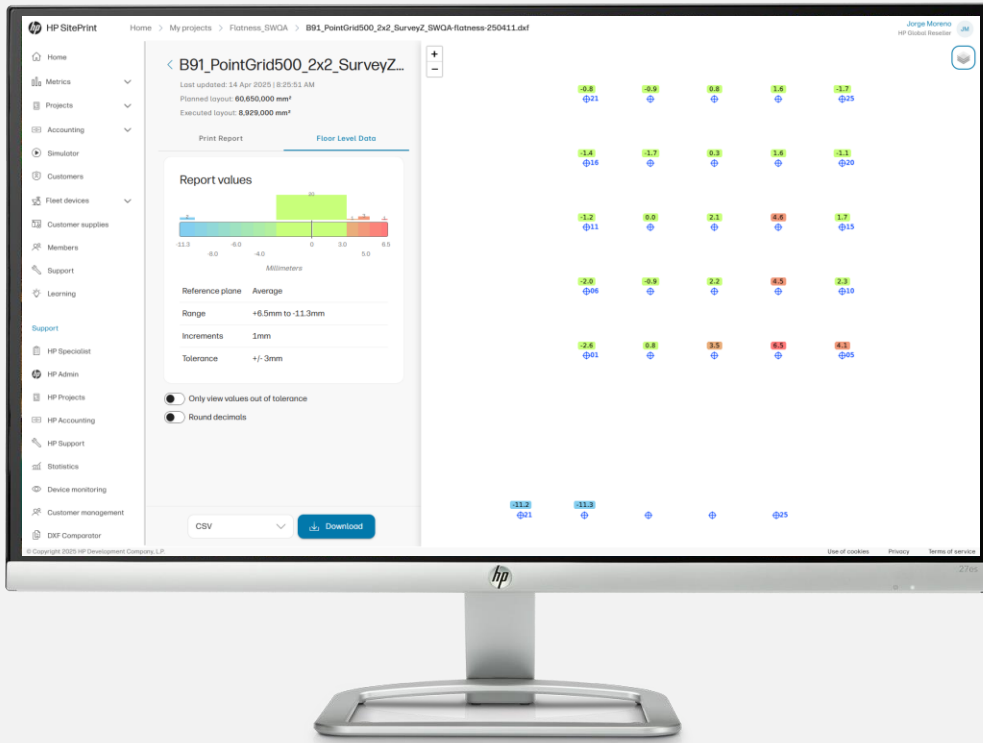
Customize size and position of your labels



Print only what you need



Access Floor Level data from the SitePrint Cloud



Data accessible from anywhere



Export level data for documentation



Levelness data sync to the SP cloud



Floor deviation map is visible at the office



Download detailed floor reports as CSV



Thank you