

GAPGUN LINK

PRODUCTION DATA SYSTEM INTEGRATION



WHAT IS GAPGUN LINK?

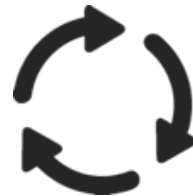
Optional software module for use with :



Allows third party applications to directly access and interact with GapGun measurement data enabling the :



**CREATION OF
CHECKPLANS**



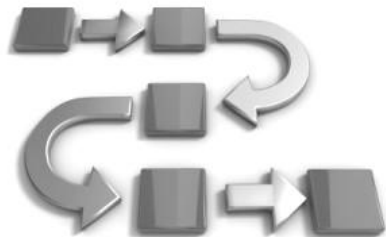
**UPLOADING AND
DOWNLOADING OF DATA**

WHY USE GAPGUN LINK?

Management of information without the need for operators to use SPC3D.



Fewer steps and less interaction in data analysis.



Allows third party applications to create and download check plans and upload and extract results.



Reduction in operator training time.



GAPGUN LINK PROCESS DIAGRAM: OPERATOR

1. DOCK GAPGUN

2. SEND WORKS ORDER TO GAPGUN

3. UNDOCK GAPGUN

4. MEASURE OBJECT

5. DOCK GAPGUN

6. RETRIEVE RESULTS FROM GAPGUN



GAPGUN LINK PROCESS DIAGRAM: ADMINISTRATOR

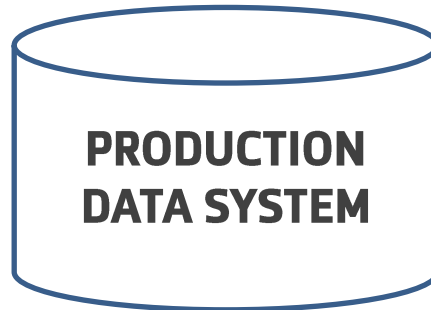


Configuration and validation of tools.



DESIGN DATA

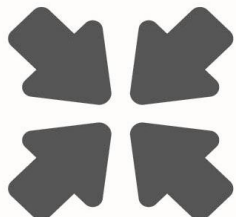
Definition of measurement points and selection of tools.



BENEFITS OF INTEGRATION IMPROVEMENTS WITH GAPGUN LINK

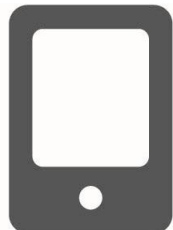
VERSION CONTROL

Version Control becomes much simpler now everything can be controlled from a single point and any changes are centrally rolled out.



USER INTERFACE

User interface for upload/download can be designed to suit required purpose – essentially a start/stop button for the operator is all that is required.



NO SPC3D ON SHOPFLOOR

Removes the need for SPC3d on the shop floor. Only GapGuns and strategically located docking stations required.



DYNAMIC CHECKPLANS

Easily generate check plans with a subset of points for re-measurement.



GAPGUN LINK: INTERFACE

DLL



GapGun Link provides a Dynamic Link Library that allows third party software to communicate with the GapGun.

XML



GapGun measurement plans and data are stored and communicated in XML format, making composition of such information simple from many applications.

GAPGUN LINK: DEVELOPMENT

SDK

The Software Development Kit is provided as a Nuget package for easy integration with Visual Studio.



DOCUMENTATION

Documentation is available to developers to allow them to quickly and easily extend their software for integration with GapGun systems.



SUPPORT

Integration support available from Third Dimension's Development team.

