LINK

CUSTOM USER APPLICATIONS

GAPGUN

ROBOT

OVERHEAD DISPLAY

VECTRO

PRODUCTION & QUALITY SYSTEMS

BARCODE READERS

CUSTOM LOGGING

LINK

SOFTWARE TOOLKIT FOR INTEGRATING GAPGUN AND VECTRO INTO YOUR PRODUCTION SYSTEMS
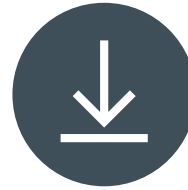
IMPROVE MANUFACTURING
AND QUALITY DECISIONS

THIRD DIMENSION
ADVANCING MANUFACTURING

LINK

Design a process that meets your requirements

Speed up and simplify your data analysis

Collect more data with less operator training

Automatically send data where you need it

Deploy instructions from one central location

01

Integration with a measurement database

Measurement requirements including tools, nominals and tolerances, and measurement results are stored in the customer's data systems. The operator uses a custom Link application with a simple UI which automatically transfers measurement requirements and results between the database and the GapGun.

02

Real-time results capture and display

GapGuns are integrated in to an existing system for capturing and displaying real-time production data. The operator works with the GapGun as normal. Behind the scenes a custom Link application relays results from the GapGun to the customer's data system.

03

Integration with a robot

An inspection cell uses a Vectro in a fixed position with a robot moving the parts to be measured into place. The machine is operated through a custom Link application which controls and synchronises the robot and the Vectro.

04

Barcode driven measurement integration

The check plan is selected by scanning a barcode and measurement results are placed in a customised output file for import into the customer's quality control system. Behind the scenes a custom Link application determines which works order is required, sends it to the GapGun, retrieves the results and generates the output file.

LINK TECHNICAL SPECIFICATION

Compatible data collectors	Vectro, GapGun Pro, GapGun MX+
Compatible software	System software V7
Compatible sensor heads	Any VChange sensor head
Operating systems	Windows 7 & 10
Programming languages	Any .net language (including C#, VB.Net)
API functions	Find GapGuns and Vectros on the network
	Read status information
	Send works orders to GapGuns and Vectros
	Make measurements
	Receive results of manually triggered measurements
	Export measurement results in custom formats
	Provide custom processing of point cloud data
Sample applications	Full demo of API, including source code in C#

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