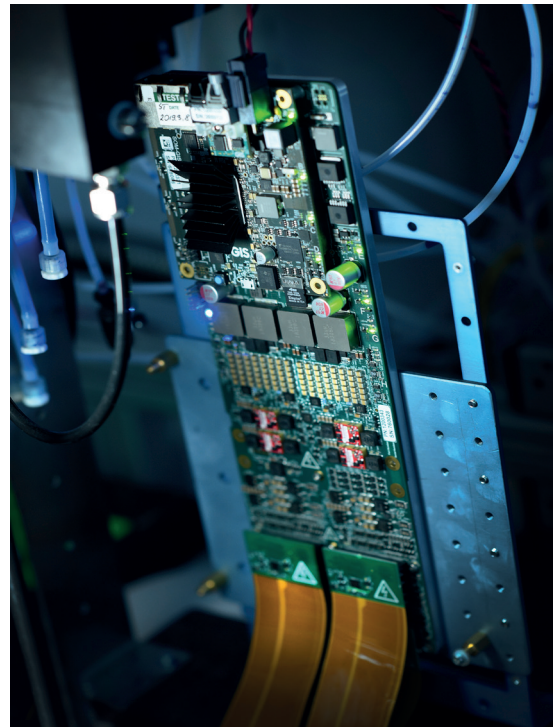Global Inkjet Systems Ltd (GIS) is an established supplier to the Advanced and Additive Manufacturing (AM) market and supports a wide range of printheads from major manufacturers, including Epson, Fujifilm Dimatix, Konica Minolta, Kyocera, Ricoh, SII Printek, Toshiba TEC and Xaar, allowing you to choose the printhead most suitable for your application needs.

We have field-proven expertise in AM markets, including 3D, printed electronics, display and other deposition of functional fluids.
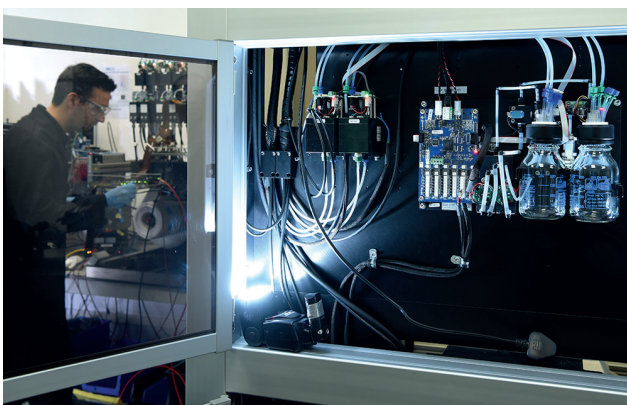
Our 3D and AM inkjet enabling technology with precise, stable materials deposition and accurate jetting can help yield a quicker route to market.

GIS supplies scalable components suitable for developing systems from prototype through to production, allowing developers to progress from initial waveform development and system control through to full system design with the same electronics and learned knowledge.

Find out more - GIS Printhead Drive Electronics

High Quality Printing Comes from High Quality Fluid Control

GIS provides a range of fluid delivery components – control electronics, software and peripherals – including header tanks, pressure control modules, degassers, inline heaters and filters. Special attention is paid to managing and maintaining fluid temperature and pressure.

GIS also offers a family of header tanks with scalable design that are specifically designed with the correct offsets for different printheads.

GIS additionally supplies an optional PEEK header tank and stainless-steel header tank for more challenging fluids and for extended materials deposition compatability.   All designs are scalable for small and large head arrays.

Find out more - GIS Fluid Delivery Systems

GIS
GLOBAL
INKJET
SYSTEMS

A NANODIMENSION DIVISION

Sector Information Sheet
Advanced and Additive Manufacturing Industrial Inkjet Applications

Control and Integration

The GIS Atlas® Software Suite offers a range of software solutions designed to deliver performance, stability and flexibility to meet the requirements needed by a wide range of customers and applications for industrial print.

This includes Atlas IQ® tools comprising screeners, nozzle density and missing nozzle compensation, along with colour management and print output simulation for more uniiform coating laydown, providing a seamless digital workflow and user interface.

GIS Atlas software is modular – allowing customers to use as much or as little capability as needed.

Find out more - GIS Atlas Software

Your Trusted Prototype to Production Partner

GIS can decrease your time to market and reduce your development costs. With over 16 years of inkjet experience, the company's development teams and technical support engineers can assist in optimising your chosen printhead and system performance.

GIS technology supports printheads from the following manufacturers

EPSON
EXCEED YOUR VISION

KONICA MINOLTA

KYOCERA

FUJIFILM

SII
Seiko Instruments Inc.

TOSHIBA
Leading Innovation ≫

RICOH

XAAR

GIS - your innovation partner for AM applications
email gis.info@nano-di.com

GIS provides software, electronics and sub-systems for industrial print sytems

www.globalinkjetsystems.com