



**For Immediate Release**

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## **DCA Delivers G2 Imaging Formatter to Synchronicity Microfluidics**

**Cushing, OK (June 9, 2014)** - Doug Carson & Associates, Inc. (DCA) is pleased to announce the sale and installation of a DCA G2 Imaging formatter at Synchronicity Microfluidics in Salt Lake City, UT.

DCA's G2 Imaging system is a family of product that allows microfluidic CAD designs stored in DXF, DWG, GDS-II, Gerber and other file formats to be used as input and mastered on a wafer rotating in a DVD-class laser beam recorder.

DCA's G2 precisely controls the location of the laser writing head by generating clock signals for both rotation and translation stages of the laser beam recorder. Cartesian-to-Polar conversion is performed real-time in G2 by a multi-threaded, 64-bit application running on a sever-class PC.

The system as-shipped can support bitmaps as large as 650,000 by 650,000 pixels, typically mastered on a 150mm wafer, supporting a laser spot size of 200nm. The system is field-upgradable to higher pixel counts.

"We are very excited about this installation. Our G2 Imaging system allows mastering companies such as Synchronicity to leverage their existing capital investment in DVD-class equipment into brand-new market segments", said Doug Carson, DCA's founder. "We look forward to working with Synchronicity in exploring these opportunities."

### **About DCA, Inc.**

DCA, Inc., Doug Carson & Associates, (<http://www.dcainc.com>) is the industry's leading provider of signal processing and format creation technology for the optical disc manufacturing industry. Since 1988, Optical Disc manufacturers have relied on DCA's pre-mastering, mastering and verification products. Format creators have come to rely on DCA for anti-piracy ideas and format design tools. Content producers now begin to rely on DCA for digital video analysis tools, including file-based verifiers.

**About Synchronicity Microfluidics**

Synchronicity Mastering Services was organized as a Limited Liability Company in July 1999, meeting a significant need in the optical disc industry for an independent mastering facility. Synchronicity has become the premier independent CD/DVD/BD along w/DVD+R mastering facility for the North American optical disc industry. The company has four laser beam recorders, 23 plating cells, and plenty of redundancy in all critical manufacturing processes.

Synchronicity Microfluidics offers Microfluidic / LOAC and many other products mastering with the same production efficiencies, quality control, and turn times that made it a leader in the optical disc industry for 15 years.