



NxGn Data Emerges from Stealth Mode to Provide a Paradigm Shift in Enterprise Storage Solutions

Bringing a new generation of Intelligent SSD Solutions with the launch of NxGn Data

Irvine, CA & Hsinchu, Taiwan, July 30, 2014 – NxGn Data, a developer and producer of a new generation of **Intelligent SSD Solutions** based on its proprietary SoC controllers, announced today that it was exiting stealth mode. The company believes that by moving computational tasks closer to where the data resides, its intelligent storage products will considerably improve overall energy efficiency and performance by eliminating storage bandwidth bottlenecks and the high costs associated with data movement. Additionally, NxGn Data solutions are optimized for small form factor cards such as M.2, with its demanding size and power requirements.

The team today is comprised of over 40 professionals based both in Irvine and Hsinchu who have worked together over the past decade. This team has successfully designed and commercialized successive generations of SoC-based SSD controllers and products that have set the industry benchmark for others to follow. “This is one of the rare occasions in this industry when we were able to keep together a world-class team of SSD professionals with extensive system level expertise, so that they can continue developing next generation SSD solutions,” said Nader Salessi, Founder and CEO of NxGn Data. Since its incorporation in June 2013, the company has already filed 18 new patents.

NxGn Data products are optimized for the \$11B Enterprise SSD market for Hyperscale Computing. By leveraging its extensive experience and core system-level knowledge, NxGn Data is bringing strong technological leadership and innovation for enterprise SSD solutions in the following areas:

- Innovations in architecture to deliver **consistent performance** and low power as required by Enterprise environments
- Best-in-class Variable Code Rate LDPC based ECC to extract the maximum endurance from Flash devices



- Advanced signal processing capability enabling the use of MLC and TLC down to 1z-nm geometries
- First in the industry with in-storage computation capability: *In-Situ Processing*
- Software defined media channel architecture enabling Flash agnostic SSD solutions
- Enablement of ultra-high capacity, low-cost TLC solutions for Cold Storage SSD

The company's key technology will be available for evaluation by a select group of customers in late 2014. Fully functional FPGA-based samples will be available in early 2015, followed by final production samples of SoC-based M.2 solutions in late 2015.

NxGn Data will make its introduction to the marketplace at the upcoming Flash Memory Summit, being held August 5th thru 7th at the Santa Clara Convention Center in Santa Clara, CA. Please visit NxGn Data at booth number 707.

About NxGn Data, Inc.

Founded in mid 2013, with offices in Irvine, CA & Hsinchu, Taiwan, NxGn Data is a privately held company focused on the design and manufacture of a new generation of **Intelligent SSD Solutions**. The company is led by Nader Salessi, Founder & CEO, Vladimir Alves, Co-Founder & CTO, and Richard Mataya, Co-Founder & SVP SSD Solutions. These three veterans have over a decade in the SSD industry working for such companies as Western Digital, STEC, and Memtech in various executive capacities and have helped drive and shape the industry during this period of rapid growth and expansion.

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