Industry-wide trends indicate that we are in the early stages of **applying machine-assisted intelligence (AI) and/or Machine Learning (ML) technologies** to the complex relationships within an Enterprise's data to yield more value to the Enterprise.

Breakthroughs are well understood in speech, handwriting and facial recognition, image analysis, navigation and autonomous vehicles. Now, wherever there is data, deep learning and neural networks provide predictive analytics, ready to help the human mind find meaning and decisions for the Enterprise's benefit.

Current research sources indicate a beneficial adoption rate among AI-aware firms of 20%, but 41% are uncertain of its benefits or how to obtain value from the analytics and available tools.

System Fabric Works provides turnkey engineered solutions utilizing best-of-breed technologies from NetApp, Fujitsu, Nvidia, Mellanox, and Bright Computing to enable the exploration and realization of the value of AI/Machine Learning in your Enterprise.

System Fabric Works recommends three phases of introduction, adoption and integrated hardware/software models:

Adoption Level	Example Industries	SFW Model Description	Configuration Scale	Example Software and Frameworks
First Level	Travel, Education, Healthcare	Training and Exploration	Single Server, Single GPU, All Flash Storage, incl. Data Mover and Network	Caffe, TensorFlow, NumPy, Octave, R
Second Level	Manufacturing, Retail, Media, Entertainment	Experiment and Initial Enterprise Data Analysis	Server w/4 GPUs, All Flash Storage, incl. Data Mover, PFS and Network	Caffe, TensorFlow, Intel Libraries, Nervana
Third Level	High Tech, Trading, Finance, Telecom, Predictive AI	Deep Learning, Complex Analytics	Server w/8 GPUs, All Flash Storage, incl. Data Mover PFS and low-latency Network, RDMA	Caffe, TensorFlow, NVIDIA CUDA Deep Neural Network. Linear, Collective[i]

To request more information regarding System Fabric Works Artificial Intelligence Enterprise Solutions, visit **http://systemfabricworks.com/enterprise-ai** or email **sales@systemfabricworks.com**.