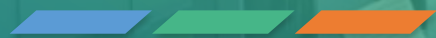


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BrainGrid Technologies

An ISO 9001:2015 certified company



ARTIFICIAL INTELLIGENCE- OPPORTUNITY

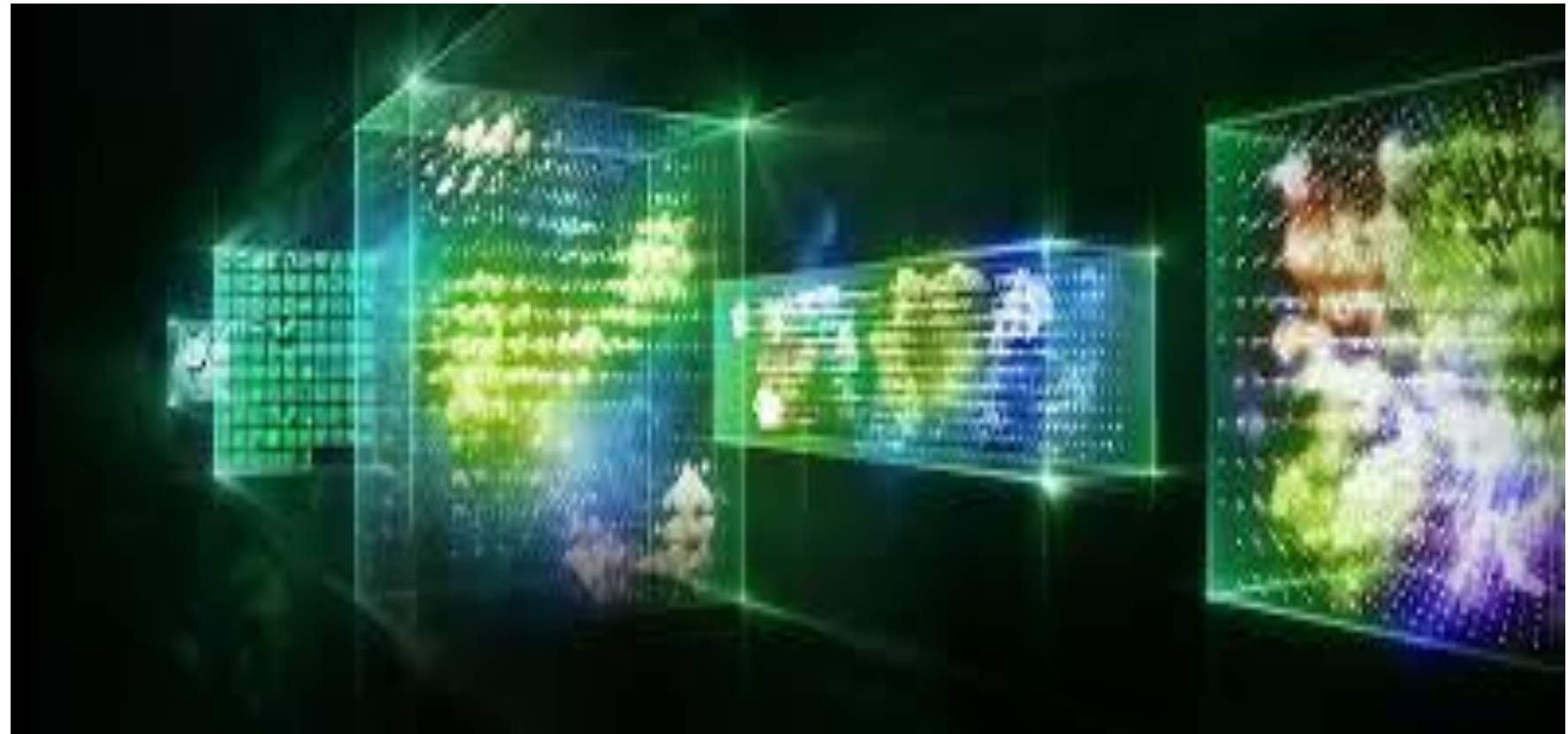
- The global economy will be \$16 trillion bigger by 2030 thanks to AI
- AI server market growing at 66% CAGR and AI-based Analytics market growing at 43% CAGR
- There is a requirement for nearly 4,000 machine learning and AI programmers in Bengaluru alone!
- Intel AI Developer Education Program, targeted at educating 15,000 scientists, developers, analysts, and engineers on key AI technologies, including deep learning and ML
- All IIT's and Universities have courses in AI & ML
- Some of the Indian cos. heavily into AI & ML include Microsoft, IBM, Siemens, Shell R&D, GE, Intel, NVIDIA, AMD, Snapdeal, Flipkart, Google, Xerox, Infosys, TCS, HCL, Wipro, Julia Computing and many more...

ARTIFICIAL INTELLIGENCE LAB BUNDLE

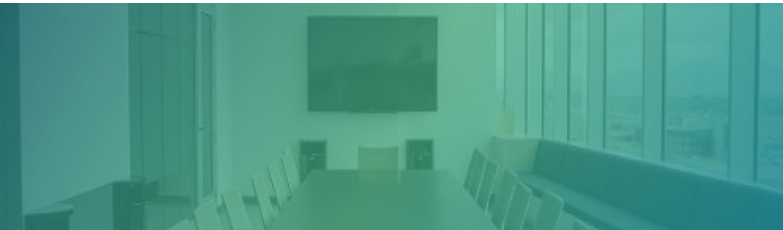


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KEY STAKEHOLDERS



PROPOSAL SUMMARY



- Includes the NVIDIA recommended AI-GPU deep learning lab compute infrastructure (for a batch of 16 to 32 students)
- Boston AI/GPU Deep learning server (1U or 4U)
- NVIDIA AI/Deep learning Software / Libraries
- NVIDIA Deep learning teaching tool kit
- Training

SOFTWARE/LIBRARIES

NVIDIA DEEP LEARNING SDK High Performance GPU-Acceleration for Deep Learning



APPLICATIONS

IMAGENET
Image Classification Object Detection
COMPUTER VISION

Voice Recognition Translation
SPEECH AND AUDIO

Recommendation Engines Sentiment Analysis
BEHAVIOR

FRAMEWORKS

Caffe Chainer DL4J H2O Jupyter Keras CNTK MINERVA mxnet Pylearn2 PyTorch TensorFlow theano

DEEP LEARNING SDK

cuDNN
DEEP LEARNING

cuBLAS cuSPARSE cuFFT
MATH LIBRARIES

NCCL
MULTI-GPU

Tensor Flow | Caffe | Caffe2 | PyTorch | CNTK | Theano | DIGITS

Miscellaneous: Numpy, Scikit, pandas, other relevant py libs

Essentials: CUDA, cuDNN, TensorRT

OS: Ubuntu 14.04 or 16.04

Datasets: ImageNet, CIFAR-10, KITTI pre-loaded for out-of-box development

Note: The delivery of the NVIDIA deep Learning kit will be vide registration at NVIDIA GPU educators program

TRAINING



- At your Institute by NVIDIA certified BrainGrid AI Instructor
- For assigned Institute Faculty meeting basic qualification
- Max. batch size of 5
- 3-days

- 1) The Faculty would need to go through the NVIDIA deep learning online training and certification
- 2) For any on-site training outside Pune the cost of transportation and Stay has to be taken care by Institute

SPECIAL EDUCATIONAL PRICE OFFER



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OPTION I

- Boston AI/Deep Learning Server P100 12GB GPU Server Solution w 2x P100 12GB GPU
- 1x Supermicro 1U Server Chassis with 1600W Redundant Platinum Level (94%) Power Supply
- **1 x Intel Xeon E5-2609V4 8C 1.7GHz 20M 6.4GT/s**
- 32GB (2x 16GB) DDR4 ECC Reg. 2400MHz DIMM
- **2x NVIDIA Tesla P100 GPU – 12GB**
- 1x Seagate Enterprise Class 1TB 2.5" 6Gb/s 7.2K RPM SATA HDD
- Rack mount Rail Kit
- 3 Years warranty

OPTION II

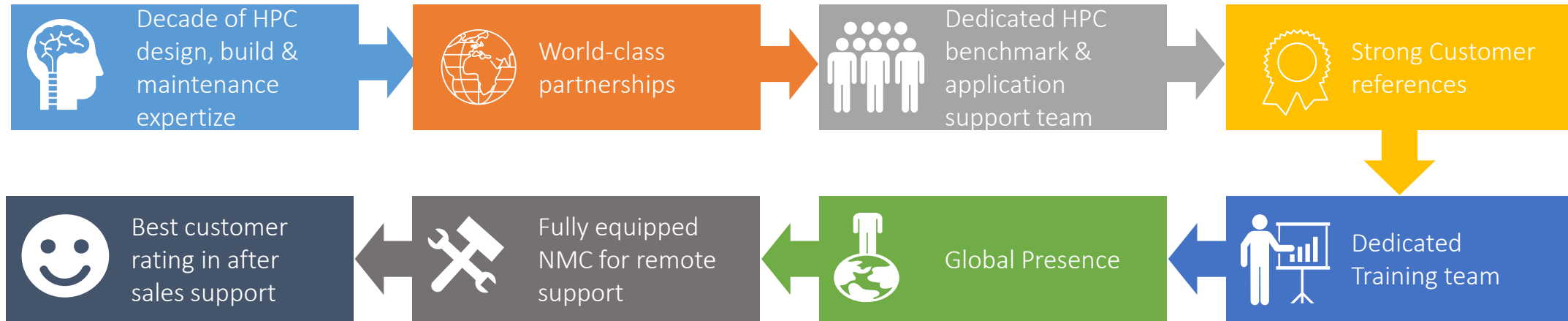
- Boston AI/Deep Learning Server P100 12GB GPU Server Solution w 2x P100 12GB GPU
- 1x Supermicro 1U Server Chassis with 1600W Redundant Platinum Level (94%) Power Supply
- **2 x Intel Xeon E5-2609V4 8C 1.7GHz 20M 6.4GT/s**
- 32GB (2x 16GB) DDR4 ECC Reg. 2400MHz DIMM
- **2x NVIDIA Tesla P100 GPU – 12GB**
- 1x Seagate Enterprise Class 1TB 2.5" 6Gb/s 7.2K RPM SATA HDD
- Rack mount Rail Kit
- 3 Years warranty

OPTION III

- Boston AI/Deep Learning Server P100 12GB GPU Server Solution w 4 x P100 12GB GPU
- 1x Supermicro 4U Tower Server Chassis with 2000W Redundant Titanium Level (96%) Power Supply
- 2x Intel Xeon E5-2609V4 8C 1.7GHz 20M 6.4GT/s
- 64GB (4x 16GB) DDR4 ECC Reg. 2400MHz DIMM
- **4x NVIDIA Tesla P100 GPU – 12GB**
- 2x Seagate Enterprise Class 1TB 2.5" 6Gb/s 7.2K RPM SATA HDD
- DVD Writer
- Rack mount Rail Kit
- 3 years warranty

Why BrainGrid Technologies?

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Experienced team
10 Sales, 4 Presales, 10 Post-sales

Dedicated benchmarking and
Applications team

HQ and 5 regional offices in India
1 International office in UK

Dedicated training team covering
all topics in HPC & Big data

CUSTOMER TESTIMONIALS

Client List

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- NCL Pune
- IISC Bangalore
- NII Delhi
- RCB Faridabad
- NCBS Bangalore
- IIT Delhi
- ICAR-NIVEDI
- MS University Tirunelveli
- Charotar University of Science & Technology Gujarat
- Kerala Startup Mission
- CDAC Pune
- Periyar University
- AMPRI Bhopal
- CAIRN India Gurgaon

“The project that you did is really a great work for us, because it was an hot issue...and you have simulated in right way.Thanks for your cooperation...”

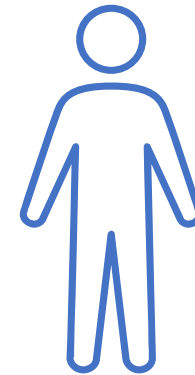
Mr.Sunil Bhalerao
Head & DGM Safety Health and Environment
JSW Severfield Structures Ltd.

“This letter is my personal recommendation for Mr. Pradeep Salve who has played an important role in getting a Cray X1 system installed and stabilized at IUCAA. I sincerely appreciate his outstanding work and commitment.”

Dr. Jayanti Prasad
IUCAA, Pune

Thank You for all the help. Our machine is working properly and giving satisfactory results. I sincerely appreciate the time you spent reviewing the problems and finding solutions and especially appreciate your diligence, hard work and patience throughout the installation”

Nitin S. Gokhale
Founder & Director
Finite to Infinite



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IF INTERESTED, CONTACT

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