



CAE R&D CONNECT

A Quarterly Newsletter from Cranes Software International Limited

CONTENTS

From the SVP's Desk

New Product Releases

- NISA DesignStudio

Events & Conferences

- NISA Product Launch –Goa
- NISA Product Showcase – Hyderabad
- Engineering Design.In – IISc, Bangalore
- Cranes @ NAFEMS World Congress, Canada
- Edifice '07
- Team Tech '07
- NISA International Distributor Meet '07
- Cranes Simulation Days

Website

- NISA Webstore launch

Partnerships

- Cranes & SGI Tie Up

Fun@Work

- Fresh Air - Better Software

From the SVP's desk



Dear Colleague,

It gives me immense pleasure to present to you the second issue of Cranes CAE R&D Connect the newsletter from the Computer Aided Engineering (CAE) R&D Services division of Cranes Software International Limited (CSIL).

During the previous quarter the CAE R&D group once again made important in-roads in key defence and corporate accounts. Some of our key customers like BARC, BHEL, NPCIL & Kirloskar renewed their contracts with us and entrusted us with many new projects. The International NISA distributor meet at Bangalore was a great success and all our distributors reiterated their commitment towards NISA. On the major events front, NISA DesignStudio was launched formally in Bangalore after a series of pilot launches in various tier 2 & 3 cities. A turnout of approximately 200 practicing civil consultants at the launch function has given us a shot of adrenalin and increased our commitment towards this community. In order to serve the engineering community better we have launched a Webstore on www.nisasoftware.com, where, one can conveniently use a credit card to buy NISA DesignStudio.

The sales of ETA and LSTC products which we recently started to distribute in India are increasing consistently and showing us doors to new customers & businesses in the automotive analysis space.

Hope you enjoy this edition of CAE R&D Connect and find it informative. Please keep those suggestions for improvements coming in.

Looking forward to exciting times!

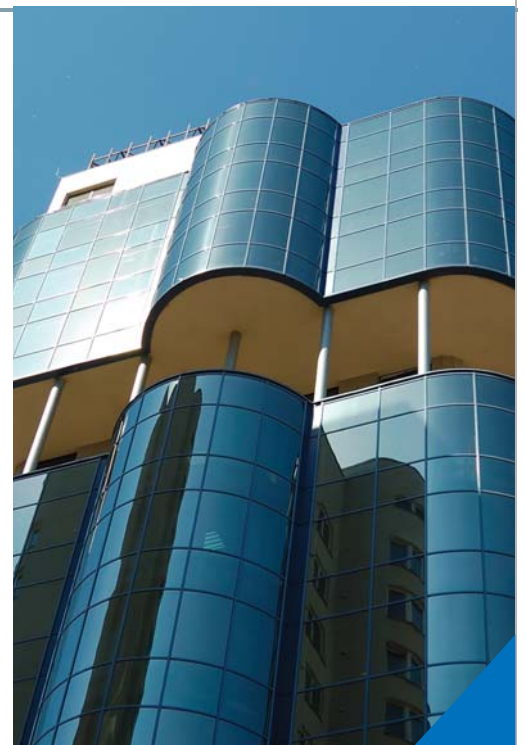
Pradeep Kumar

NISA DesignStudio

- Civil Analysis & Design Software for the Cost-Conscious Structural Consultant

CSIL recently announced the launch of NISA DesignStudio - the latest in its range of engineering products for the Civil Engineering community - this time bringing the analysis & design capability of the award-winning NISA/CIVIL software to the desk of individual structural design consultants. Individual structural consultants often find full-fledged commercial civil engineering software un-affordable or an over-kill for most of their projects; we feel NISA DesignStudio will be the panacea they are looking for.

Structural design consultants and building design engineers will find NISA DesignStudio extremely user-friendly to analyze and design Multistoried Buildings, Apartment Complexes and Industrial Enclosures made of RCC & Steel. The product has excellent reporting and graphing features and automatically generates detailed CAD drawings. The software has an intuitive & simple GUI to make for a happy user experience. Also, many advanced features have been seamlessly integrated and hidden keeping the non-expert structural consultant in mind.



NISA DesignStudio - Product Showcase, Goa

Cranes Software International Limited (CSIL) organized NISA DesignStudio Product Showcase for the Goa Chapter of Institution of Engineers on 23rd June, 2007. NISA DesignStudio is a feature-rich & cost-effective civil engineering software for building designers. The event had a tremendous response with more than 55 professionals attending it. A warm welcome note by Mr. P. P Borkar, Secretary - Goa Chapter, Institution of Engineers and opening speech by Mr. V. M Gaitonde, Chairman - Goa Chapter, Institution of Engineers set the pace for the showcase.



Mr. Bhargav Puranik & Mr. Sujit Nair demonstrated the features of NISA DesignStudio, which was well received by the attendees. Seamless integration with AutoCAD™ for getting detailed drawings was one of the features that was appreciated most.

During the Q&A session clarifications on subjects varying from seismic analysis to design and detailing involved in complex building structures were given. A few of the attendees were aware of the analysis capabilities of NISA and hence, the Q&A session was very interactive.

NISA DesignStudio - Product Showcase, Hyderabad

The event had a good response with the presence of more than 70 consultants from ACCE (Association of Consulting Civil Engineers), Hyderabad centre and other professional bodies. Attendees profile included builders, architects, PSU engineers, academicians and many individual consultants.

The event started with a welcome note and corporate presentation by Mr. Srikanth P of CSIL-Hyderabad, followed by a short speech by Mr. Srinivas Anchuri, Chairman - ACCE Hyderabad Center. Mr. Anchuri informed the

gathering of the importance of low-cost and feature rich software to stay competitive in today's environment. The easy approach adopted by Mr. Janardhana K for demonstrating detailed technical capabilities of NISA DesignStudio helped to involve most of the participants and built a good level of interest among them. For some participants this was all the convincing they required to make a spot purchase of the software.



CSIL at EngineeringDesign.In, Bangalore



Following the trail of success with IT and software, India is set to become a global giant in design and engineering services in the areas of CAD, CAM, CAE & PLM. India is also evolving as a potential R&D destination for global Auto and Aero companies. Many OEMs and tier-1 integrators have already established their Engineering/ R&D centers in India.

The EngineeringDesign.In 2007 held at the Indian Institute of Science, Bangalore in August '07 was an opportunity for MNC's and Indian companies to discuss this multi-billion dollar opportunity. The event also provided a unique opportunity to interface with fellow engineers and learn state of

the art analysis & design technologies. Experts presented lectures on the latest trends in CAD/CAE/CAM/PLM, optimization, virtual prototyping, robotics and related technologies.

Mr. Anil Khumbar - Sr. Engineer – CAE R&D Services, presented a paper on *“Utilization of Parallel Solver Libraries to Solve Structural and Fluid Problems”* which drew a lot of appreciation from the gathered audience. CSIL products offerings such as NISA, eta/VPG™, eta/DYNAFORM™, LS-Dyna™ etc were also showcased. Various corporate, research labs, government organizations and educational institutions expressed interest in these products.

CSIL at the NAFEMS World Congress, Vancouver, Canada

The 11th edition of NAFEMS World Congress was held at the spectacular waterside Westin Bay shore hotel in Vancouver. The conference was attended by more than 500 scientists & engineers from around the world. The conference received more than 200 papers for presentation and publication. The Congress primarily covered many aspects of simulation with particular focus on appropriate deployment of simulation that can lead to a further competitive advantage for various industries.

Dr. Sreehari Kumar, Associate VP – CAE R&D Services, presented a paper based on ‘**Seismic Analysis-Methodologies and Applications**’ at the conference.



Edifice'07

Edifice is a series of forums conceptualized by CSIL for the civil engineering community. After covering the states of Maharashtra, Goa, and Andhra Pradesh, the Karnataka Chapter of Edifice was held on 12th of October, 2007 at The Leela Palace Hotel in Bangalore. This marked the formal launch of NISA DesignStudio in Karnataka. The meet was attended by more than 200 practicing civil and structural consultants. The keynote address was delivered by Mr. Umesh B Rao, the doyen of Indian Civil Engineering.



A detailed technical demonstration of the software was given by Dr. C. Channakeshava and Mr. Bhargav Puranik of the CAE R&D team, by means of designing an actual building with many complex features. NISA DesignStudio received rave reviews from the gathering.



Team Tech 2007, Bangalore

With the objective of providing a unified platform of interaction for practitioners involved in design, analysis and manufacturing the TEAM TECH Foundation and the Society for Innovation and Development (SID) of Indian Institute of Science (IISc) along with several other renowned professional bodies conducted the conference TEAMTECH 2007 at IISc this October. Several paper presentations were organized during this 3 day long event where representatives of various Corporations, Research labs, PSU's and Academia put forward their thoughts on advances in the areas of CAD/CAE/CP/PLM. CSIL presented their bouquet of CAE products in this conference.

'NAFEM – INDIA Symposium on Quality Practices in FEM – CFD Procedures' was a parallel track at the conference. Dr. Sreehari Kumar's paper titled "Quality Practices in Finite Element Software development" was unique and well appreciated.



NISA International Distributor Meet

NISA international distributor meet - the annual partner engagement initiative of CSIL successfully completed its second edition this September. After organizing the first distributor meet in Germany last year, this year's distributor meet was held at the silicon valley of India – Bangalore.

The event saw participation from NISA distributors from around the world. Our representatives from North America, Europe and Asia Pacific came together to make this event a huge success. Among other things that were discussed in this two daylong conference, the following gained prominence:



- New Version 16 Launch
- The Cranes vision for NISA
- Progressive seeding activities in various markets in Europe and North America
- Collaborative Engineering Services for the markets in North America, Europe, Japan, Korea and Australia

Ideas, concepts, brainstorming, presentation, filled up both the days of the event. This was a platform well received by all the stakeholders involved in developing and marketing the NISA Suite of FEA Software.

The 2008 global distributor meet will take place in Troy, Michigan, USA.

Cranes Simulation Days



"Cranes Simulation Days '07" was organized by Cranes Software International Limited (CSIL) on 28th and 29th of September at Chennai and Coimbatore.

This event was conceived by Cranes to provide a platform to the members of the academia to share their thoughts and ideas on the CAE world. The event showcased simulation based product development and various engineering simulation & analysis products which are being used extensively by Fortune 500 engineering companies. This event had participation from over 30 engineering colleges all over Tamil Nadu.

Fresh Air - Results in Better Software



Yelagiri - a beautiful hill station located about 170 km from Bangalore, became a weekend getaway for the CAE R&D team for a breath of clean mountain air and excitement. A lazy boat ride in a splendid lake amidst dew covered mountains followed by a game of T20 cricket, set the pace for a fun filled evening. A surprise birthday bash was followed by team-building games, and the evening reached its crescendo when the bonfire started and everyone danced through the night to the music numbers dished out by our in-house DJ – Manish.

NISA Web Store Launched!



NISA – your favorite FEA software is now even more easily accessible. The new Web Store at www.nisasoftware.com allows you to buy NISA DesignStudio in 3 easy steps. Just have your credit card ready! Can't make up your mind to buy? Not to worry, try the software risk-free for

30 days and then decide. The Web store has a completely secure payment gateway and is protected by encryption from VeriSign™ – a world leading organization in internet security.

Soon many more NISA modules will be available at the Webstore.

So log on to www.nisasoftware.com/webstore and pick-up your copy today!

Sgi Platforms to Support NISA

Cranes has joined the exclusive SGI (Silicon Graphics, Inc.) global developer program as a developer plus member. Cranes will now be able to compile, run, and check compatibility of NISA software with the latest SGI hardware and software. Developer Plus membership is extended only to vendors of commercially available applications that fulfill certain business requirements. The membership will also provide a fast route to solution certification for project teams that have experience on SGI platforms, or whose applications are well suited to the industry-standard Linux platform. Apart from jointly publishing technical papers from time-to-time, Cranes & SGI will also engage in mutually beneficial marketing activities like conferences, exhibitions and product launches.