



सामहिता

SAMHITA CADD & GRAPHICS

Software | Training | Projects | Recruitment | Implementation

Year **1998** marks the origination of **SAMHITA CADD & GRAPHICS**. The company initial foundation by a professional Architect and enhanced by talented Engineers and creative designers.

Conceived as an Architectural visualization, 3D Animation & CADD Training solution provider, and constantly fuelled by dedicated team of veterans – SamhitaCG today emerged a leader in Graphics and visualization education arena.

Samhita's 'point of pride' is the affiliation to "Alternative & Affordable Solutions for Professional CAD & Graphic Design". Our presence in the industry for over one and a half decade has won us rare distinction of being the Indian business partner for '4M, Greece' to market the complete '4M-product suite'. We are also 'Promotional and Distributing partner' in India for 'MAXON Cinema 4D' & its other products and also associated with 'Trimble Sketchup', 'Adobe Products' and other modules. And we also deal with RCDC Structural design software and NewForma A project information software. The Affordable & Alternative Solutions Which we provide to the CAD & Graphic Industry.

The Affordable & Alternative Solutions Which we provide to the CAD & Graphic Industry



4M provides the engineering community with advanced CAD Verticals since 1986. 4M Solutions meet the needs of the entire range of the Building Design Industry, including Professional CAD, Architectural Design, Structural Analysis & Design, Building Services Design (HVAC, Electrical and Plumbing) and other software applications.

4M Software Solutions consist of powerful BIM Verticals, all designed according to a state-of-the-art building modeling technology, high-performance CAD engines seamlessly embedded and full compatibility as far as the CAD functionalities and file formats (DWG and IFC) are considered. You should compare 4M solutions with the top brands of their category in order to realise directly the simplicity on their philosophy, the easiness in learning and use, and above all the efficiency in obtaining reliable results for high quality case studies.

4M PRODUCTS:



In collaboration with Adobe, we will equip customers with the edge they need to create rich content for virtually any media - print, web, interactive, video, audio or mobile.

As an Adobe Authorised Reseller, we share the same Adobe commitment in offering you the widest range of powerful new tools and services which will help you hone your creativity and enhance performance and workflows at the same time. Adobe tools enable you to take productivity to the next level while preserving your creative vision.

We're reinventing our desktop apps to make your creative process seamless, intuitive, and more connected than ever. Our newest release — including Photoshop® CC and Illustrator® CC will be available only in Adobe® Creative Cloud™.

ADOBE PRODUCTS:



Creative Cloud is now integrated with Behance, bringing your work and your creative community together for the first time. With Creative Cloud, your entire creative world is synced and organized for you across multiple devices.



While Adobe Creative Suite® 6 products will continue to be available for purchase, Adobe has no plans for future releases of Creative Suite or other CS products.



SketchUp is easy and intuitive, allowing anyone to model in 3D quickly and accurately. Using 3D models, designers can make more informed decisions, communicate project details, and share ideas with colleagues and customers to reach a common goal. **Sketch Up** is used to create, modify and share your 3D models.



SKETCHUP PRODUCTS:



Supportive Plugins for SketchUp Pro:



You can make beautiful, photo-realistic rendering of your SketchUp model without the pain and frustration of learning a complex program. SU Podium runs completely inside SketchUp from start to finish. It uses SketchUp features .



Quickly and easily turn your designs into photorealistic renderings from right inside SketchUp. IRender nXt is the perfect plugin for architects and designers who want to create presentation-quality images of their SketchUp designs.





Twilight offers physically accurate materials, photometric (IES) lights, image based (HDR) lighting, a long list of easy-to-choose optimized preset render settings, animation with Sketchy Physics and Proper Animation, and more!

****We do projects and train people in Sketchup Pro.**



MAXON CINEMA4D is a professional 3D software package offering everything needed to create high- end 3D images and animations for film, broadcast, architecture, games, multimedia, design and engineering. Continuing a two-decade tradition of excellence, CINEMA4D offers spectacular image quality and an intuitive, easy-to-use interface that puts professional results within reach of artists at all levels of CGI experience. CINEMA4D delivers speed and productivity by taking advantage of the latest advances in processor technology, and offers configurations tailored to the distinct needs of specialized 3D markets.

MAXON PRODUCTS:

The CINEMA4D Release 15 product line includes breakthrough new editions that cater to the creative workflow needs of professionals in specialized 3D markets, as well as an upgrade to BodyPaint 3D, MAXON’s highly acclaimed high end painting and texture application, as follows:



Supportive Plugins for Cinema4D:



V-Ray for C4D by LAUblab brings the power of V-Ray to Cinema4D. V-Ray offers the fastest rendering technology in the world and has single handedly transformed the architectural and advertising industry.



Creating character animations for your architecture productions has never been so easy! AN(I)MA® makes connectivity with Autodesk 3DS Max®, Maya® and Maxon Cinema4D®!



Maxwell Render is a standalone render engine for making perfect images, films and animations from 3D models. It is the complete solution for anyone who demands immaculate results on a deadline.

Maxwell Render offers maximum quality, speed, and compatibility for architects, designers and visual effects artists.





Xfrog is a procedural organic 3D modeller that allows you to create and animate 3d trees, flowers, nature based special effects or architectural forms. X frog is available as a Mac OS, Windows, and Linux plug-in for Maya, Cinema 4D and as a standalone application.



LAUBWERK

Laubwerk's stands apart in the 3D tree software market by offering an elegant solution to the needs of CG artists by offering a happy medium between static plant libraries like HQ Plants®, Arch Models® and X frogPlants®, and full plant modelers such as GrowFX® or X frog 5®.



Thea Render is a state-of-the-art Biased, Unbiased and GPU renderer with a rich set of innovative features, a powerful material system and its own advanced studio, all-in-one. Thea Render comes with high quality materials exclusive for the licensed users, integration with various modelers, and advanced features such as Photometric Analysis, ColimoSupport and many more.



Indigo Renderer is an unbiased, physically based and photo realistic renderer which simulates the physics of light to achieve near-perfect image realism. With an advanced physical camera model, a super-realistic materials system and the ability to simulate complex lighting situations through Metropolis Light Transport, Indigo Renderer is capable of producing the highest levels of realism demanded by architectural and product visualization.



Paul Everett has been developing plugins for over 12 years and worked as a software developer for MAXON Computer GmbH, on projects such as MoGraph and others. Paul's plugins aspire to provide the CINEMA4D user with the tools they need, to go beyond the scope of the inbuilt tool set.



GRAPHISOFT. ARCHICAD

GRAPHISOFT ignited the BIM revolution with ArchiCAD®, the industry-leading BIM software for architects. With GRAPHISOFT ArchiCAD's Building Information Modeling approach, architects can explore design ideas with full confidence, knowing that every detail is being captured and all documents are synchronized. GRAPHISOFT continues to lead the industry with innovative solutions such as the revolutionary GRAPHISOFT BIM Server™, the world's first, real-time BIM collaboration environment. Open BIM design collaboration offers intelligent, model-based work flow between the members of the extended design team and architects using ArchiCAD, resulting in greater efficiency in the building process.



DESIGN - DETAIL - DRAW - DOCUMENT



The RCC Design Center automates and integrates the entire RCC Design-Detailing-Drawing-Documentation process. All elements can be automatically designed and detailed by capturing analysis data from various analysis engines. Design and detailing intelligence ensures design and rebar arrangement is arrived at accounting for practical site considerations. The engineer gets the flexibility to easily re-engineer any member/section by varying member sections, material properties etc.



STRUCTURAL PLANNING AND MODELLING

Planwin is a structural planning and modelling software that takes the engineer from a centerline in CAD to a complete analysis model. The model is complete with all member and material properties, loading data, member orientation and offset data, etc.

Planwin guides the user through the structural planning process. Allowing the user to plan the location of columns, walls and beams on the centerline. Static analysis is carried out for each floor plate and the entire 3D structure giving the user a sound understanding of the behavior prior to 3D dynamic analysis.



ANALYSIS MODEL TO WORKING DRAWINGS



The Steel Autodrafter is an innovative tool that automates the production of 2D working plans and elevations of steel buildings.

The primary input is a 2D or 3D frame analysed in STAAD Pro. The Steel Autodrafter takes in all the information from the frame and allows the engineer to create detailed 2D drawings. All the user needs to do is to select the grid along the X, Y or Z directions to generate a drawing.



Critical project information has many places to hide. You find it in personal inboxes, complex building information models, nested CAD drawings, detailed spreadsheets, bulky reports and other silos. Documents get misfiled on the network. Until now, team members had to develop their own approaches to managing project information. The most common method is to manually update checklists to track deliverables and log events. But managing project information demands more than simply knowing where things are. It requires that project information – and the processes used to manage it – be connected with the larger team, partner firms and related information and workflows.

The Newforma solution

In one industry-focused and integrated solution, Newforma software connects architecture, engineering, construction, and owner organizations to each other, to their project information, to their processes, to their financial and resource data, and to remote team members, all for the purpose of more successful project delivery.

ARCHITECTURAL 3D VISUALIZATION PROJECTS



Samhita CADD & Graphic's Project division caters to the needs of architects, engineers and consultants in the construction & manufacturing industries. We offer high quality architectural renderings, 3D Animations, walk thru's, & structural, mechanical engineering drawings, CAD conversions (raster to vector conversion), CAD drafting and other CAD related services. We also provide digital solutions for Business Corporates from conceptual presentations to working drawings and computer-based presentations to web solutions.

WE ARE ASSOCIATED WITH...



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