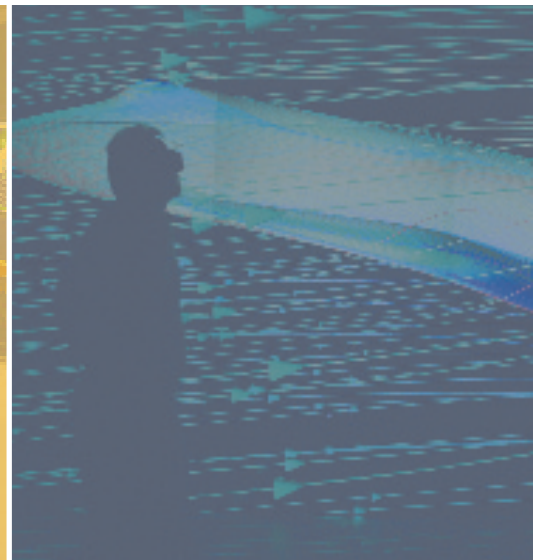
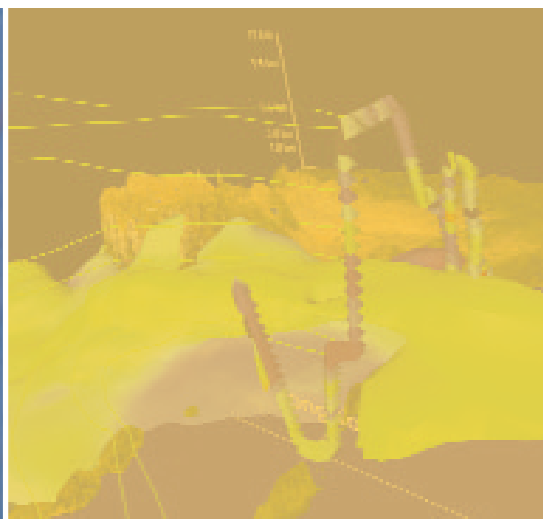
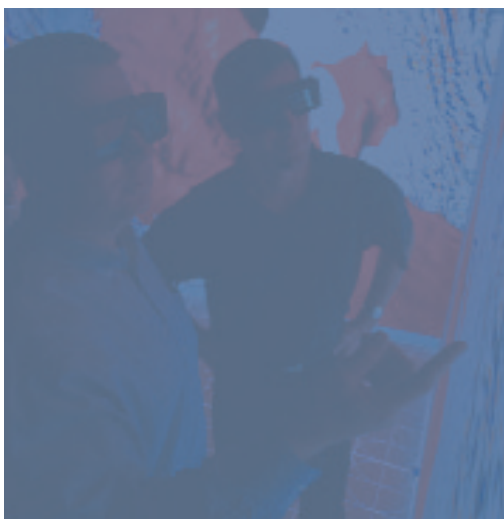


Mechdyne



ENABLING DISCOVERY



Mechdyne leads the way in the development and deployment of the industry's widest range of information visualization technologies, from small team room systems to networked immersive, interactive environments and fully customized turnkey solutions.

We start by asking questions that reveal hidden needs and opportunities. The information we uncover determines which advanced visualization solution will generate the maximum return on your investment.

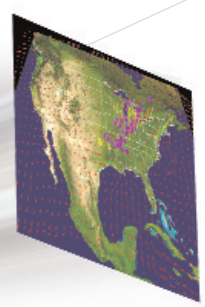
Our professional services can be applied at any stage of a project – from initial planning and architectural design to renovation of existing facilities.



YOUR NEEDS...

SERVICES: Consulting & Planning

- Consulting
- Feasibility studies
- Needs assessment
- Site inspections and recommendations
- Architectural engineering
- Facility planning and construction
- Project management

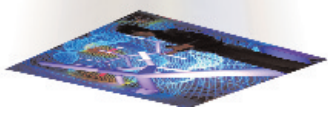


SOFTWARE: Products & Services

- Immersive and interactive applications
- PC cluster-enabling software
- System integration
- Application development
- Modeling and simulation development
- Software training

DISPLAY SYSTEMS: 3D & Advanced A/V

- Standard format displays
- Custom design & development
- PC graphics & clusters
- Innovative projection systems
- Audio & video systems
- Installation & maintenance
- System integration



...DEFINE THE SOLUTION

Mechdyne is recognized internationally for superior visualization solutions and 'world's first' innovations. Experience and vendor neutrality make Mechdyne an ideal project partner. Our system designs are grounded by an objective appraisal of your workflow and enterprise requirements. Every component is selected from the widest range of best-of-breed technologies for solutions that exceed expectations.

Mechdyne's leading edge technology solutions deliver value beyond traditional A/V systems. Our research and development unit tracks, tests and enables integration of results-driven technologies that include real-time distance collaboration, virtual reality systems, interaction devices and advanced graphics computing clusters.

Solutions for Varied Applications

- Networked simulation and emergency preparedness
- Real-time command and control centers
- Engineering design reviews
- Energy exploration and recovery
- Immersive plant floor and process design
- Life sciences research and clinical applications
- Scientific research
- Educational venues
- Museums and virtual heritage



A custom PC cluster drives a 270-degree stereoscopic screen for research and urban planning at Arizona State University's Decision Theatre



Image courtesy Boeing

Mechdyne Professional Services designed and integrated networked simulation and command/control rooms for the Boeing Virtual Warfare Center

Project Support at Every Stage

Mechdyne project management and delivery teams keep projects on track and provide consistent and professional information flow at all phases of development.

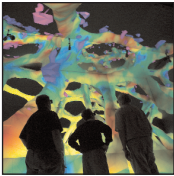
Support and Maintenance Services

We have a global team dedicated to support services, leading the industry in skill, experience and professionalism. We offer a selection of extended and personalized maintenance programs, technical support, routine maintenance, on-site system administration and training.



DISPLAY SYSTEMS: 3D and advanced A/V

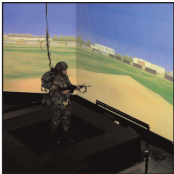
As the world's longest-standing, dedicated provider of 3D and advanced A/V technologies, Mechdyne has installed more large scale and immersive systems than any other provider.



Custom systems

Customized visualization systems such as the world's largest, highest resolution immersive rooms

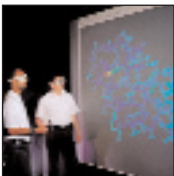
Image courtesy Los Alamos National Laboratory



Visualization environments

Large-scale and immersive displays such as the FLEX™, the world's first re-configurable display system

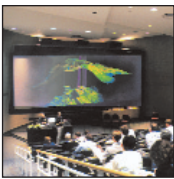
Image courtesy Army Research Laboratory



Team empowerment systems

Visualization systems for collaboration and presentation such as the PowerWall™ and CURV™

Image courtesy Delaware Biotechnology Institute



Large venue and theater

State-of-the-art audio and video, including 3D images for auditoriums, museums and other audience applications



Technology innovation

The scaleable Beacon™ projection system was developed to meet the need for maximized brightness and extreme resolution

SOFTWARE: Products & Services

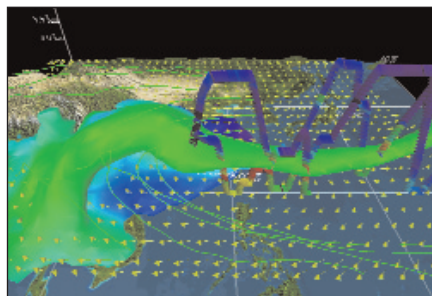
Interactive software is a critical component to any visualization environment. Mechdyne's software division develops, sells and supports a spectrum of software products including end-user applications, development toolkits and device driver middleware. By enabling software for large-scale immersive or high resolution visualization systems, our solutions enhance the visual perception of complex data.

All software is platform and display system independent and cluster-ready for maximized flexibility.



Additional services include software customization, training, staffing and ongoing maintenance and support.

Mechdyne makes it possible for desktop applications to transfer seamlessly to interactive wall displays and stereoscopic visualization rooms, opening new opportunities for data analysis and collaborative viewing.





Experience data like never before

Advanced visualization technology takes users beyond the boundaries of the desktop.

Enable collaboration

Teams work more effectively, with improved confidence and consensus in decision making.

Increase productivity and efficiency

Improved workflow reduces cost and complexity associated with understanding data.

Overcome barriers and improve processes

Large scale, interactive and immersive display systems enable innovation, discovery and new insights.

Engage audiences

Compelling content and impressive presentations will grab and hold attention.

Enhance business value

Mechdyne provides customized solutions to meet all types of business requirements.





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