



**EVANS & SUTHERLAND**  
A Cosm Company



# infovision

## डिजिटल तारामण्डल

One Stop Solution for Modern Planetariums, LED Domes,  
Giant Digital Dome Cinema, Large Format & 360 degree Theaters,  
Space Theaters, Theme Parks, VR Theme Parks, Museums, and Science Centers



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## Inaugurations



Former Hon. Minister of Science & Technology, Karnataka, inaugurating the Mobile Planetarium project in Karnataka



Former Indian President inaugurating Nashik Planetarium



Hon. Shri. Modiji inaugurating Surat Planetarium



Hon Sri.Modiji watching a show at Surat Planetarium

## Our Partners



**EVANS & SUTHERLAND**  
A Cosm Company



**SPITZ**  
A Cosm Company



**SKYPOINT**  
Planetariums



**HÜTTINGER**  
INTERACTIVE EXHIBITIONS • CONCEPT • DESIGN • FABRICATION



## Dome Projection Solutions



Infovision offers a variety of turnkey dome-projection solutions designed for leisure entertainment and “edutainment” projects. Infovision is associated with international industry leaders in immersive dome theaters including: Evans & Sutherland - USA, Spitz Inc. - USA, Astral Inc. - USA, Mirage3D - Holland, LEC Worldwide - USA, Hüttinger - Germany and Dome3D – USA. These companies produce innovative and creative projects for planetariums and science centers

around the world and continue to stand out for their remarkable ability to combine soaring imagination and unparalleled creativity. Infovision is the exclusive representative of these companies in India. We take pride in custom design all our projects for the client's site. This allows us to localize a project with an international appeal and flair.

## Scope of Services:

- Setup of planetarium equipment including digital, hybrid systems and projection domes
- Setup of digital dome theaters & 360-degree theaters
- Setup of LED Domes
- Planetarium show production
- Setup of new generation science exhibits
- Setup of VR/AR theme parks
- 3D/5D/7D/9D/11D dynamic and interactive cinema
- Setup of museums, water parks and other leisure entertainment destinations
- Conducting mobile planetarium shows
- 3D-projection mapping projects
- Telescope and observatory setup
- Audio-Visual system design, acoustical consultancy and project management
- Control system design and integration
- Lighting control system
- Support and maintenance services

## The Infovision Team:

Our most valued and treasured resource is our team. Every team member has been chosen based on their extensive experience in the field of planetariums, astronomy, audio visual integration, CG animation and graphics, large screen display or architecture. The Infovision team provides a perfect mix of experience, creativity and a vision for the future.

We offer a total solution for India's fast developing visual communication and leisure entertainment industry. There is only one organization that stands above the rest - INFOVISION.





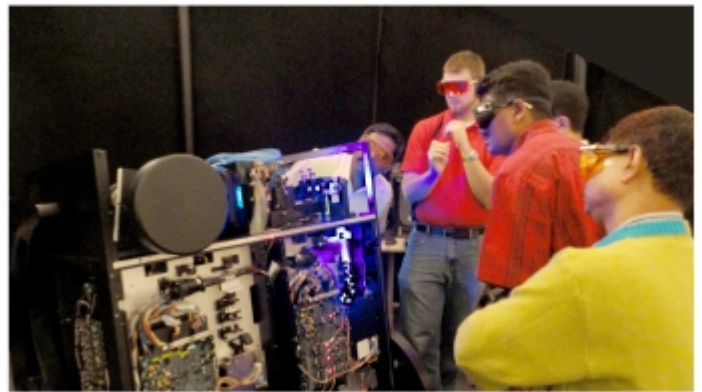
## After Sales Service

Infovision is based in Mumbai, India with service centers in Pune, New Delhi, Kolkata, Bangalore, Surat, Nasik, Rampur, Gorakhpur, Mangalore and Chennai. These centers are equipped with all the essential equipment and parts required for servicing Digistar systems.

We specialize in the development and construction of targeted concepts for digital planetariums, theme parks, laser shows, entertainment, edutainment attractions, museums, science galleries, science exhibits, aquariums, and leisure tourism destinations. Infovision and E&S have operation and maintenance contracts with following planetariums in India.

- Nehru Planetarium, Mumbai – Five-year maintenance contract and a four-year show contract.
- Yashwantrao Chavan Planetarium, Nasik – Continuous operation and maintenance contract since 2010.
- Veer Bahaddur Singh Planetarium, Gorakhpur - Continuous operation and maintenance contract since 2008.
- Pushpa Gujral Science City, Jalandhar – Non-Comprehensive maintenance contract.
- Surat Municipal Corporation, Surat – Continuous operation and maintenance contract since 2010.
- Rampur Planetarium, Rampur - Operation & maintenance contract for three years.
- Pathani Samanta Planetarium, Bhubaneswar - Operation & maintenance contract for three years
- Dr. Abdul Kallam Planetarium , Burla - Operation & maintenance contract for three years
- Jawahar Planetarium, Allahabad – Non Comprehensive Operation & maintenance contract

Infovision has a team of more than 18 qualified technical staff with expertise in planetarium systems. All engineers are trained by Evans & Sutherland – USA.



## Planetarium Show Production:

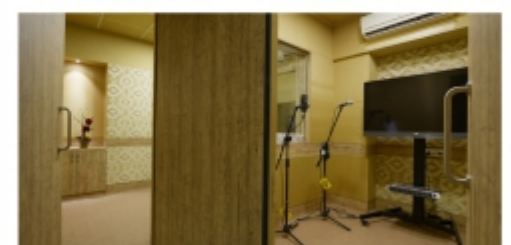
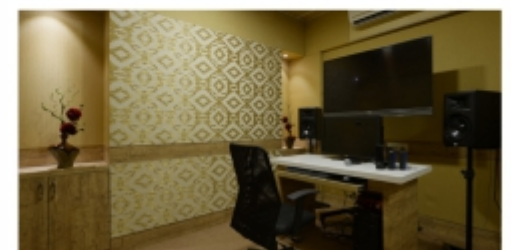
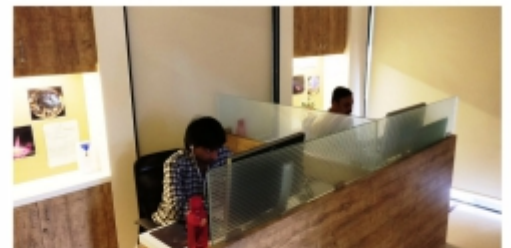
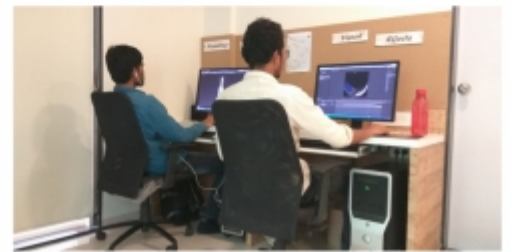
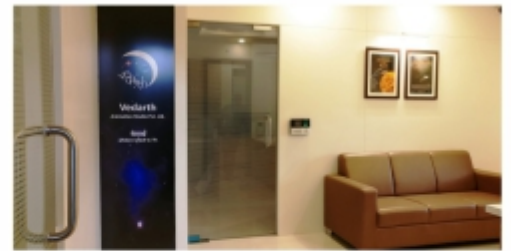
Our production studio, Vedarth Animation Studio, is based in Pune, India. Show content is being produced with technical assistance from Evans & Sutherland and Astral Inc., USA. The studio is equipped with all the necessary hardware and software needed for high quality fulldome show production. All audio editing, dubbing and animation jobs are done in house, and the production work is coordinated by professional astronomers and animators.

## About Vedarth Animation Studio

- A production and distribution house for fulldome and large format shows.
- Specializes in immersive content, stereophonic 3D, live capture, and VFX effects.
- Experienced in compositing live action elements with computer graphics.
- Unique access to top notch talent and state-of-the-art facilities.
- Produces proprietary shows and distributes globally.
- Joint productions with planetariums and other fulldome production houses.
- Undertakes sub-contracting work.

## Capabilities

- Full-fledged creative team with CG artists, designers, directors and producers.
- Advisory panel of science and astronomy experts.
- Young, dynamic, and highly creative animators trained by European and American specialists
- Dedicated and experienced artists for modeling, texturing, rigging, FX animation, editing and compositing, live image capture, time lapse recording, as well as HD and 360-degree video recording.
- Currently producing all shows in 4K and 8k resolutions and 3D Stereo is available as well.
- Inhouse Audio Recording Studio.





## Over 500 Digistar Theaters around the World, More than 45 in India

### E&S Digistar in Digital Planetariums in India:

- Nehru Planetarium, Mumbai (23 meter)
- Veer Bahaddur Singh Planetarium, Gorakhpur (CSTUP) (17 meter)
- Yashwantrao Chavan Planetarium & Science Center, Nashik (12 meter)
- Pushpa Gujral Science City (PGSC), Jalandhar (23 meter)
- Surat Science Center, Surat (14 meter)
- Aryabhata Planetarium, Rampur (12 meter)
- Pathani Samanta Planetarium, Bhubaneswar (12 meter)
- Jawahar Planetarium, Allahabad (8 meter)
- District Science Center (NCSM), Dharampur, Gujarat (8 meter)
- North India Science Center (NCSM), Siliguri (8 meter)
- District Science Center (NCSM), Trirunevelli, TN (8 meter)
- Regional Science Center (NCSM), Goa (8 meter)
- District Science Center (NCSM), Gulbarga, AP (8 meter)
- Sub Regional Science Center cum Planetarium, Jorhat (8 meter)
- Efforts Planetarium, Ahmednagar (8 meter)
- Indira Gandhi Planetarium, Lucknow (two - 6 meter Inflatable Dome)
- Council Of Science and technology UP, Lucknow (6 meter Inflatable Dome)
- Vedarth Animations, Mumbai (5 meter Inflatable Dome)
- Gujarat Council of Science City, Gandhinagar (6 meter Inflatable Dome)
- Regional Science Center, Pondicherry (8 meter)
- Sikkim Science Center, Gangtok (8 meter)
- Maharashtra Andhashradhha Nirmulan Samiti (5 meter Inflatable Dome)
- Kokrajhar Planetarium, Assam (10 meter)
- Burla Planetarium, Orissa (12 Meter)
- Karnataka Science & Technology Promotion Society, Bangalore (5 & 6 meter Mobile) – 11 Systems
- Birla Planetarium, Hyderabad (12 meter)
- Taramandal Cum Science Museum, Darbhanga , Bihar ( 15 Meter ) *Under Construction*
- Regional Science Center Cum Planetarium, Nalbari Assam ( 8 Meter ) *Under Construction*
- Regional Science Center Cum Planetarium, North Lakhimpur Assam ( 8 Meter ) *Under Construction*
- Regional Science Center Cum Planetarium Society , Gadag Karnataka ( 10 Meter ) *Under Construction*
- Rayagada Planetarium, Govt Of Orissa, Dist Rayagada ( 12 Meter ) *Under Construction*
- Baripada Planetarium, Govt Of Orissa, Dist Mayurganj ( 12 Meter ) *Under Construction*

### E&S Digistar in Hybrid Installations in India

- Kalpana Chawala Memorial Planetarium, Kurukshetra (12 meter Spitz dome) with E&S Spitz SciDome
- Guwahati Planetarium, Guwahati (12 meter with Goto Optical)
- Ujjain Planetarium, Ujjain (12 meter with Goto Optical)
- Pilikula Regional Science Center Society, Mangalore (18 meter with Megastar Optical and Digistar 6 8K with Active 3D)

## Digistar Installations in India

### Nehru Planetarium, Mumbai



<b>Dome Size</b>	23 meters
<b>Digistar Version</b>	Digistar6
<b>Projection System</b>	5 DLP Projectors
<b>Opened</b>	June 2003

Since its inception, Nehru Planetarium generated 28 astronomical presentations using Carl Zeiss Mark IV Universal Projector, which were viewed by more than 100 lakh astronomy lovers. The projector served its full life.

In the meanwhile, the technology marched at a growing space bringing new ideas and means. To keep abreast with the new technology, in the year 2003, Nehru Centre has installed Digistar-3 Planetarium equipment replacing Carl Zeiss Universal Projector, purchased from Evans & Sutherland, of USA. All the advantages of digital imagery are thus brought to the fingertips of the operator. In the year 2012, E&S upgraded Graphic Computers of the planetarium system – Digistar 6. The planetarium dome is one of the biggest in the country with 512 audience capacity.

### Veer Bahaddur Singh Planetarium Gorakhpur



<b>Dome Size</b>	17 meters
<b>Digistar Version</b>	Digistar3
<b>Projection System</b>	6 CRT Projectors
<b>Opened</b>	June 2005

This planetarium is also equipped with Digistar 3 System and was opened to public in the year 2005. The dome size is 17 meter diameter and capacity is 350 seats. This project of Gorakhpur Development Authority (GDA) was funded by Government of Uttar Pradesh

### Yashwantrao Chavan Planetarium and Science Center Nashik



<b>Dome Size</b>	11 meters
<b>Digistar Version</b>	Digistar3
<b>Projection System</b>	6 CRT Projectors
<b>Opened</b>	November 2007

The Yashwantrao Chavan Planetarium and Science Center is a project of the Nashik Municipal Corporation, constructed in 1999. The project was originally designed with an opto-mechanical system in mind because there weren't any digital planetariums in India.

In early 2003, experts and few officials went to USA for demonstrations of digital planetarium systems and decided to purchase a Digistar 3 which was later installed in 2007. The inauguration of this planetarium is conducted by Hon. President of India.

## Efforts Planetarium Ahmednagar



<b>Dome Size</b>	8 meters
<b>Seats</b>	150 Unidirectional
<b>Digistar Version</b>	Digistar SP Mini Planetarium
<b>Opened</b>	July 2013

Efforts Planetarium is India's first privately owned Digital Planetarium and Education Centre ! Their 8 meter dome is powered by a Digistar SP Mini Planetarium.

This Planetarium provides day and night workshops on astronomy and has onsite lodging for schools that can accommodate up to 150 students

at a time. The master planning and technical consultancy was provided by Sarth Enterprises.

## Pathani Samanta Planetarium Bhubaneswar



<b>Dome Size</b>	12 meters
<b>Seats</b>	150
<b>Digistar Version</b>	Digistar 4
<b>Projection System</b>	4 JVC 4K Duel
<b>Upgraded</b>	November 2011

Pathani Samanta Planetarium upgraded its Goto opto-mechanical system to a Digistar 4 with dual JVC 4k projectors in November 2011. The dome is 12 meters with a seating capacity of 150. The renovated planetarium opened to public in April 2012.

## Sub-regional Science Center Cum Planetarium Pondichery



<b>Dome Size</b>	8 meters
<b>Seats</b>	190 Unidirectional
<b>Digistar Version</b>	Digistar 4 SP Mini Planetarium
<b>Opened</b>	February 2014

A Digistar Outreach Mini Digital Planetarium System has been installed at Pondichery. The site opened to public in Feb. 2014.

## Jawahar Planetarium Allahabad



<b>Dome Size</b>	8 meters
<b>Seats</b>	90 Unidirectional
<b>Digistar Version</b>	Digistar 4
<b>Projection System</b>	6 DLP Projectors
<b>Upgraded</b>	April 2012
<b>Previous System</b>	Carl Zeiss

The Jawaharlal Memorial Fund, Teen Murti House in New Delhi has replaced the Carl Zeiss system at Jawahar Planetarium in Allahabad with a Digistar 4 SP2HDQ digital system. The dome is 8 meters with a seating capacity of 90. This

planetarium opened to public on 30 April 2012.



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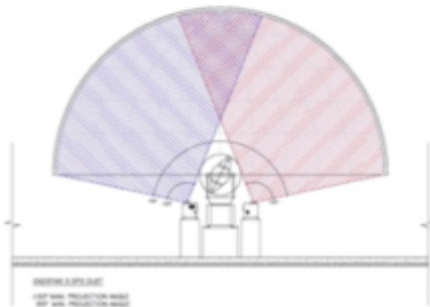
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## Guwahati & Ujjain Planetarium Hybrid Installations



<b>Dome Size</b>	12 meters
<b>Digistar Version</b>	Digistar 4
<b>Opto-mechanical</b>	GOTO
<b>Upgraded</b>	April 2012

Both the Guwahati & Ujjain Planetariums are hybrid systems utilizing Digistar 4 digital systems with GOTO opto-mechanical star projectors.

## Sikkim Science Center Gangtok



<b>Dome Size</b>	8 meters
<b>Digistar Version</b>	Digistar 4 SP Mini
<b>Opened</b>	August 2014

A Digistar Outreach Mini Digital Planetarium System has been installed at Gangtok. The site opened to public in 2014.

## Sub-regional Science Center Cum Planetarium Jorhat



<b>Dome Size</b>	8 meters
<b>Digistar Version</b>	Digistar 4 SP Mini
<b>Opened</b>	August 2014

A Digistar Outreach Mini Digital Planetarium System has been installed at Jorhat. The site opened to public in 2014.

## Dr. Abdul Kalam Planetarium Burla, Orissa



<b>Dome Size</b>	12 meters
<b>Digistar Version</b>	Digistar 5
<b>Projection System</b>	2 Sony 4K Laser Phosphor
<b>Opened</b>	September 2017

Burla Planetarium is the second Digistar system ordered from CST and the government of Orissa. It is a Digistar 5 with Sony 4K Laser Phosphor projectors and a 12-meter Spitz dome. The new facility opened in September 2017 at Burla in the district of Sambalpur.

## Kokrajhar Planetarium

Assam



<b>Dome Size</b>	10 meters
<b>Digistar Version</b>	Digistar 5
<b>Projection System</b>	SP2HDQ
<b>Opened</b>	Under execution

Kokrajhar Planetarium, overseen by CST and the government of Assam, has selected a Digistar 5 system with SP2HDQ projectors.

The dome size is 10 meters and will be open to public in Jan 2020

## Nagaland Science Center Cum Planetarium

Dispur



<b>Dome Size</b>	8 meters
<b>Digistar Version</b>	Digistar Lite
<b>Opened</b>	November 2017

A Digistar Outreach Mini Digital Planetarium System has been installed at Dispur. The site opened to public in 2017.

## Pilikula Regional Science Center Society

Mangalore



<b>Dome Size</b>	18 meters, Nanoseam
<b>Digistar Version</b>	Digistar 6
<b>Projection System</b>	3D 8K
<b>Opto-mechanical</b>	Megastar IIA

Pilikula Regional Science Center, a project of PRSCS Mangalore and the government of Karnataka, is India's first Digistar 6 system with active 3d and 8K resolution. The theater also has a Megastar IIA opto-mechanical

projector. The theater opened to the public in March, 2018

## B. M. Birla Planetarium

Hyderabad



<b>Dome Size</b>	12 meters
<b>Digistar Version</b>	Digistar 6
<b>Projection System</b>	Sony 4k
<b>Updated</b>	September 2019
<b>Earlier Model</b>	GOTO Opto-mechanical

The Birla Archaeological & Cultural Research Institute has upgraded the GOTO Opto-mechanical projector at the M. Brila Planetarium to a Digistar 6 with 4K projectors. The renovated planetarium opened in September 2019.



## Sky on Wheels - Mobile Planetarium & Observatory



As a part of the popularization of astronomy and Science in India, we have introduced Sky on Wheels - Mobile Planetarium in 2010.

Sky on Wheels is designed to be a portable educational environment for almost any topic - i.e. ancient history, archeology, astronomy, biology, earth science, natural history, science fiction, etc.

We have conducted mobile planetarium shows in more than 100 schools in India and covered more than 6 states. Our aim is to reach more and more schools across country and every child in India.

Digistar Lite - Digital Mobile Planetarium System has been supplied along with an inflatable dome to thr customers listed below. Digistar Mobile Planetarium offers a whole new universe of exciting presentations and revenue potential to small planetarium owners and operators at an incredibly low price.

- Council of Science & Technology UP, Lucknow
- Indira Gandhi Planetarium, Lucknow
- Vedarth Animations, Pune
- Gujarat Council of Science City, Gandhinagar
- Maharashtra Andhashradhha Nirmulan Samiti, Satara
- Karnataka Science & Technology Promotion Society, Bangalore



**DIGISTAR  
LITE**



Sky on Wheels  
by Infovision



India's First show for Hearing Impaired launched at Nehru Planetarium, Mumbai



Sky on Wheels project of Government of Karnataka inaugurated by Chief Minister

# DOMEX

## LED Dome

Future of Planetarium is here, Powered by **DIGISTAR 7**

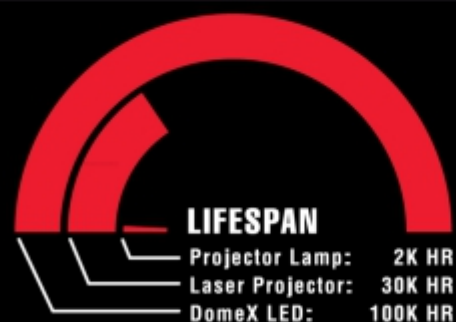
### Redefining the Dome Experience

For more than five years, Evans & Sutherland has pursued the next giant step forward for the world's planetariums and Giant Dome Cinemas.

The culmination of this research and development is DomeX: the first fully operational LED planetarium in the world.

For astronomy simulation, DomeX delivers truly black night skies and pinpoint stars. For full-dome shows and Giant Dome Cinema, DomeX brings rich, deep, and accurate colors, and brightness and contrast levels projection cannot approach.

To truly appreciate this revolution in dome theater display, you need to see it for yourself. That's why we've built a 20-meter DomeX dome as the centerpiece of the Cosm Experience Center at our Salt Lake City, Utah headquarters.





## Virtual Reality (VR) Theme Park

Infovision services includes

- Location Planning
- Design
- Equipment Installation
- Operation Guidance & Training
- Technical Support



According to the site size, investment cost, visitor flow, and content preferences, we divide the site into multiple amusement areas and combined diversified VR simulators efficiently. We aim to help our customers establish a one-stop VR theme park to achieve maximum profit.

The VR systems target different customer groups including teenagers, students, families, and senior citizens. It's ideal for parties, team-building, and family entertainment. The VR Theme Park can include different areas to create the best playing atmosphere and customer satisfaction. We provide a large selection of films which are constantly being updated which enhances the popularity of the experience and increases customer return.



## 3D/ 5D/ 7D Dynamic & Interactive Cinema



Infovision is proud to introduce 3D/5D/7D dynamic and interactive cinema. This immersive cinema experience and special effects system is designed and developed by expert manufacturers who have patents in electro dynamics technology.

The cinema special effects system can synchronize upto eight projectors at the same time and ensure the perfect execution of special effects. The system can control up to 18 different kinds of effects. It is also expandable and can be extended according to the requirements of the user.

- Rich environmental effects - the audience can experience an immersive adventure with all their senses
- Use of patented technology to develop a dynamic seat to which actuates with multi-directional and multi-angle precision.
- Suitable for scenic destinations, resorts, science centers and other high-end theaters with more than 24 seats.
- 3D graphics and surround sound
- Multiple users can participate in competitions at the same time and share their ranking in real time with 7D interactive cinema.
- Flexible customization and all-round sensory stimulation.
- 3D/5D/7D dynamic and interactive cinema is a turnkey solution for any theater that wants to draw crowds.

## The Water House

Infovision is happy to introduce **Water House** Solutions. The water house is a small, low scale Water Park. Infovision is now specialized in feasibility studying, master planning, installation, after service and management of Water House. Typically water house is in the area of 800 – 1,000 SQM. Infovision is now associated with the Water park Manufacturer who has a factory which occupies an area of over 100,000 SQM and awarded National Patents for 10 products. The manufacturer had been the most authoritative and reliable water park equipment manufacture all over the world. These water houses are made up of Fibre Glass / Iron and are Non Customized.



**Amazon** : Size 29 x 25 x 14 M



**Pool** : Size 23 x 21 x 17 M



**Hawaii** : Size 48 x 45 x 21 M



**Bird** : Size 29 x 25 x 12 M



**Maya** : Size 23 x 21 x 17 M



**Ocean World** : Size 39 x 25 x 12M



India's first 8K 3D Digistar Planetarium at Pilikula, Mangalore

**infovision**  
**डिजिटल तारामण्डल**

**Infovision Technologies Pvt. Ltd.**

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