infovision
डिजिटल तारामण्डल

A ONE STOP *SOLUTION.*

- Modern Planetariums
- LED Domes
- Space Theaters
- AR & VR Theme Parks
- Science & Art Gallery
- Large Format & 360 degree Theaters
- Museums

Cosm | E&S | SPITZ | Cosm IMMERSIVE

vedarth

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+ One stop solution for Planetariums & Dome Projections

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+ Animation Studio
+ Recording Studio

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+ Mobile Planetarium & Observatory

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+ Museums
+ Interactive exhibits

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+ AR & VR Theme Parks

A.

Infovision

One stop solution for
Planetariums & Dome Projections

About Infovision,

"Infovision - vision for the future"

In 1999, when the dawn of the new millennium was just around the corner, a group of technology enthusiasts and engineers were driven by a passion for astronomy, technology, and the desire to ignite curiosity in young minds across the country. ***Their dream was to bring the wonders of the cosmos closer to home, to make the stars more accessible*** to children and adults alike, and to create a bridge between education and entertainment.

This dream materialized into the founding of Infovision. At the time, planetariums in India were few and far between, mostly limited to large cities and often using outdated opto-mechanical systems. The founders of Infovision saw a unique opportunity to revolutionize how astronomy was taught and experienced.

The heart of their vision was the Digital Planetarium—a state-of-the-art, immersive experience that combined high-definition visuals with interactive storytelling made by **Evans & Sutherland.**

Infovision was not just about selling a product; it was about creating an impact. The founders believed that by integrating education with entertainment, they could inspire a new generation of astronomers, scientists, and space enthusiasts.

As the digital planetarium started to make its way into new projects and upgrading existing systems, the response of the audience was overwhelming. Through diversifying ventures like ***"Vedarth Animation studio"*** and ***"Sky on Wheels"***, they organized workshops, educational programs, and outreach initiatives, ensuring that the Digital Planetarium reached even the most remote parts of India. The company's vision of making astronomy accessible to everyone, regardless of location or background, started to take root.

By 2011, the company continued in its focus to innovate, develop new content, incorporate the latest astronomical discoveries, and in expanding its reach.

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, **Mirage 3D** - Holland, **LEC Worldwide** - USA, **Hiittinger** - Germany, and **Dome 3D** - 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 customising projects for our client's site. This allows us to localize a project with an international appeal and flair.

And now, ***we celebrate 25 years of Infovision.***

Meet the team,

MANAGIING DIRECTOR
Abhijit Bhaskar Shetye

DIRECTOR
Gandhali Shetye

For a quarter of a century, this team has been the heartbeat of our company, embodying the core values that define our success and culture.

Their commitment, connections, and sense of familial unity have been the bedrock upon which our growth and achievements have been built.

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. Their shared values of integrity, collaboration, and excellence have not only shaped our work environment but have also fostered a supportive and nurturing atmosphere.

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.**

Infovision team

Formation of Infovision and tie up with E&S

1999

India's first Digital Planetarium Conference held at IUCAA, Pune

2001

Asia's first Digital Planetarium order at Nehru Planetarium Mumbai

2003

Our tie-ups

2007

Former Hon. President inaugurating Nashik Planetarium in presence of other dignitaries

2009

Hon. Prime Minister Shri. Modiji inaugurating Surat Planetarium

2010

Established Show Content Studio – Vedarth Animation Studio

Completed 25 Digistar Installations in India

2016

2017

Successfully executed eleven (11) Sky-On-Wheel Mobile Planetariums Project of KSTEPS, Bangalore

2018

Established India's 1st Active Stereo 8K3D Planetarium at Swami Vivekananda Planetarium, Pilikula Mangalore

2023

Completed 55 Digistar Installations out of which seven (7) are active 3D Planetariums

2024

India Planetarium Conference held at Birla Science Museum, Hyderabad

and now,

2025

Scope of Services

Infovision, along with its sister companies, is pioneering a comprehensive *edutainment* experience that revolves around planetarium systems and beyond. Together, we cover a broad spectrum of services and innovations, creating an interconnected network for education and entertainment *(edutainment)*.
This ecosystem includes:

- Setup of all types of Planetarium and Science Centre Projects.
- LED Domes, Large Format and 360 degree theatres.
- Planetarium Show Production
- Telescopes and Set up of observatory
- Audio-Visual System Design, acoustical consultancy and Project Management.
- 3D/4D theaters, Water Laser shows
- Control System Design and Integration.
- Lighting Control System.
- Support and Maintenance Services

Infovision Commitments

- Appropriate and most advanced turnkey Solution for Edutainment Industry
- Prompt after sales services
- Factory trained technical staff
- Currently more than 30 Indian Planetariums are under maintenance Contract
- Technical Support at any stage of a project

A Partnership for the Future

SERVICE

POST-SERVICE

In every project, from the initial concept to the ongoing support, Infovision is committed to delivering a complete, end-to-end service. From the very beginning, the company committed itself to providing comprehensive services that ensure every Digital Planetarium they install is a seamless and impactful addition to any educational institution, museum, or public space. Our approach ensures that each Digital Planetarium is not just a one-time installation but a sustainable, long-term asset that continues to inspire and educate for years to come.

Before Installation

A. VIABILITY SURVEY

A detailed survey for a planetarium and science gallery project for determining the feasibility and potential success of the venture. It assesses various aspects including technical, financial, and market considerations, ensuring the project aligns with the needs of the target audience and the resources available.

Key Components of the Survey:

- Market Analysis
- Technical Feasibility
- Financial Analysis
- Capital Investment
- Educational & Cultural Impact
- Sustainability & Long-Term Viability

B. DESIGN & PLANNING

The Design process is developed to create a space that is both functional and inspiring, providing visitors with an engaging environment for learning and exploration. The design considers technology, space utilization, and sustainability, for both planetariums and science galleries.

The dome's size, seating arrangement are key for immersive experience and ensure optimal visual and acoustic performances. Science galleries should be flexible to accommodate rotating exhibits, interactive displays, and hands-on workshops.

C. SITE PRESENTATION GUIDE

These steps outline the different aspects of preparing the site for your planetariums.

- Detailed Site Assessment
- Power and Electrical Setup
- Environmental Controls
- Flooring & Structural Reinforcement
- Dome and Exhibit Area Preparation
- Lighting Control
- Network and Connectivity
- Exhibit-Specific Preparations
- Logistics and Storage
- Safety and Compliance

D. SITE INSPECTION

Conducting a thorough site inspection before the installation to identify potential issues and ensure the site is fully prepared for smooth installation as per the site preparation guide is provided.

This inspection allows project teams to assess the readiness of the infrastructure, equipment handling conditions, and alignment with technical requirements.

E. SUPPLY OF PRODUCT

Once the order is received and the contract is signed, we proceed with supplying the product in strict accordance with the terms outlined in the agreement and the purchase order. We ensure that all aspects of the supply, including product specifications and quantities, align with what has been agreed upon. Additionally, we adhere closely to the timeline committed at the time of project signing, ensuring timely delivery and execution as promised.

After Installation

F. INSTALLATION

We have a dedicated team of engineers, supported by a network of professionals including architects, fabricators, labor contractors, and network and cabling specialists.

We ensure the timely and efficient installation of projection domes, planetarium systems, and science and art exhibits.

G. COMMISSIONING

During commissioning, each component is thoroughly inspected, evaluated, and tested to ensure full functionality and performance. This guarantees that all products and systems meet the highest standards of quality and reliability to ensure the client receives a fully operational and dependable system, delivering complete satisfaction and confidence in the final product.

H. TRAINING

We have a dedicated team of experts who deliver comprehensive training on both the hardware and software components of the planetarium system. Our team offers detailed instruction on the operation, maintenance, and troubleshooting of the equipment, ensuring that clients are fully equipped to manage the systems effectively.

In addition, we have a highly skilled software team that provides training on astronomy simulation software, as well as the development of planetarium shows using advanced digital tools. For clients interested in producing their own full dome shows, we also offer specialized staff proficient in 3D animation software, enabling the creation of high-quality, customized content.

I. SHOW PRODUCTION

We specialize in the production of captivating planetarium sky shows and full-dome shows across a wide range of subjects. Our team of specialists create immersive, high-quality content that brings the wonders of the universe and other topics to life. In addition to pre-recorded content, we also produce shows tailored for live presentations and live astronomy shows in sky theaters, offering a dynamic and interactive experience.

J. OPERATION & MAINTENANCE

We offer comprehensive operation and maintenance services for planetarium systems and exhibits. Our team ensures the smooth running of equipment by offering routine maintenance, troubleshooting, and technical support. We also conduct regular inspections and system updates to maximize performance and longevity. With our expertise, clients can rely on their systems operating efficiently and without interruption. After expiry of the warranty obligations, we also undertake comprehensive as well as non comprehensive Annual Maintenance Contracts.

K. ANNUAL MAINTENANCE SERVICES AFTER EXPIRY OF WARRANTY

Our Annual Maintenance Contracts (AMCs) are designed to ensure the ongoing reliability and optimal performance of your planetarium systems and exhibits. Our AMC services include regular preventive maintenance, prompt technical support, and emergency repairs as needed. By providing scheduled inspections and system updates, we help prevent issues before they arise, ensuring that your equipment remains in peak condition throughout the year. Our goal is to provide peace of mind and uninterrupted service, allowing you to focus on delivering exceptional experiences to your audience.

Community Buzz,

The phrase "Where stars shine all day" aptly describes a planetarium, while "Bringing down the stars" captures its essence. Similarly, I could say that Infovision Technologies Pvt Ltd has truly "Brought World Leaders to our Doorstep."

Piyush Pandey, Director
Nehru Planetarium, Mumbai (2003-2011)

"Infovision has been installing E&S Planetarium equipment across India for over a decade. Their fully digital platform enables shows on astronomy, science, history, and more. As a member of several planetarium advisory committees, I highly recommend Infovision for their quality products and exceptional after-sales service."

Prof. Ranjan Gupta
Associate Professor
Inter University Centre for Astronomy & Astrophysics (IUCAA) , Pune

"It has been a pleasure working with the Infovision team. They are a team of highly skilled engineers willing to help you under any circumstances, 24/7.
The best part is that there appears to be no boss when working at the site. Everyone knows their job and is willing to stand up for their colleagues. When situations demand it, I have seen Mr Abhijit Shetye, the director, taking tools in his hand."

Arvind Paranjpye
Director
Nehru Planetarium, Mumbai

"I would like to extend my heartfelt appreciation to Infovision Technologies Pvt. Ltd for their outstanding service in realising planetariums end-to-end. Their expertise and commitment to quality have significantly enhanced the ability to deliver immersive educational experiences. The equipment is not only top-notch but also reliable and user-friendly. The team's support and guidance throughout the process were invaluable, making the transition seamless. I wholeheartedly wish them a great successful future ahead."

Sudheer Kumar N
Former, Director, CBPO
ISRO HQ,. Bengaluru.

"Infovision India Pvt Ltd., the sole authorized representative of Evans & Sutherland, USA, has been a reliable partner for the Science Centre (Surat Municipal Corporation) since 2009. They successfully installed the Digistar 3 system in our digital planetarium and have provided excellent AMC services throughout our association. We are currently in the process of upgrading to Digistar 7 with their continued support."

Ms. Bhamini Mahida
Chief Curator
Science Centre, Surat

Digistar Installations in India

Over **1000** Digistar Theaters around the World

More than **55** E&S Digistar in Digital Planetariums In India

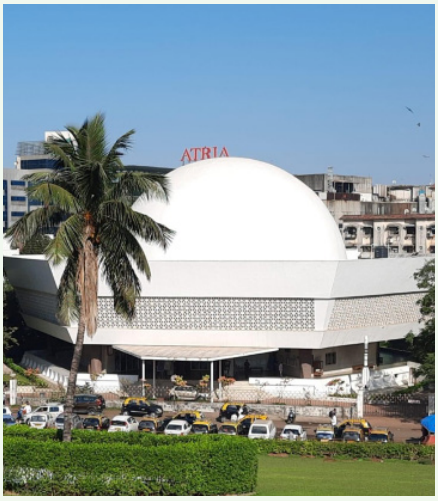
Digistar Installations in India

SERVICE

POST-SERVICE

In every project, from the initial concept to the ongoing support, Infovision is committed to delivering a complete, end-to-end service. From the very beginning, the company committed itself to providing comprehensive services that ensure every Digital Planetarium they install is a seamless and impactful addition to any educational institution, museum, or public space. Our approach ensures that each Digital Planetarium is not just a one-time installation but a sustainable, long-term asset that continues to inspire and educate for years to come.

Nehru Planetarium, Mumbai



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, 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-Digistar6. The planetarium dome is one of the biggest in the country with 512 audience capacity.

Nehru Planetarium, Mumbai will be upgrading the system to Digistar 7 with Pure RGB Laser Projectors soon.

Dome Size	*23 meters*
Digistar Version	*Digistar 6*
Projection System	*5 DLP Projectors*
	Projectors
Opened	*June 2003*

Veer Bahaddur Singh Planetarium, Gorakhpur

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 (GOA) was funded by Government of Uttar Pradesh.

Dome Size	*17 meters*
Digistar Version	*Digistar3*
Projection System	*6 CRT*
	Projectors
Opened	*June 2005*

Yashwantrao Chavan Planetarium & Science Center, Nashik

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.

Dome Size — *11 meters*
Digistar Version — *Digistar 3*
Projection System — *6 CRT projectors*
Opened — *November 2007*

Pushpa Gujral Science City Kapurthala, Punjab

This Science City was inaugurated in 2006 and opened with a GOTO Large Format System.

The dome is 23 meters with a unidirectional seating capacity of 350. The search for a digital planetarium began later that year. On 24th August 2007, Infovision & E&S received order to install a Digistar 3 system. The theater opened to public in June 2008.

Dome Size — *23 meters*
Digistar Version — *Digistar3*
Projection System — *6 DLP Projectors*
Upgraded — *June 2008*

Surat Science Center, Surat

Surat Science Center was India's 5th Digistar 3 system ordered by Surat Municipal Corporation. It is a unique installation in India. The planetarium is built in a 16-meter steel sphere. The projection dome is 14 meters with a seating capacity of 190 and opened to the public in 2009.

It was inaugurated by Hon. Shri. Narendra Modiji.

Dome Size — *14 meters*
Digistar Version — *Digistar3*
Projection System — *6 DLP Projector*
Opened — *November 2009*

Aryabhatta Planetarium, Rampur

Aryabhatta Planetarium is India's first Digistar 4 system powered by 4K laser projectors with 16 million pixels on the 12 meter dome.

The planetarium opened to the public in December of 2010.

Dome Size — *12 meters*
Digistar Version — *Digistar4*
Projection System — *4 Laser (ESLP) Projectors*
Opened — *December 2010*

National Council of Science & Museum {NCSM), Kolkata

FiveDigistar Outreach mini Digital Planetarium Systems are installed in the NCSM regional science Centers.

They have installed these units in their regional Science Centers at Siliguri, Trirunervelli, Dharampur, Goa, and Gulbarga.

Dome Size — *8 meters*
Digistar Version — *Digistar Outreach*
Opened — *2009-2011*

Efforts Planetarium, Ahmednagar

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.

Dome Size — *8 meters*
Digistar Version — *Digistar SP Mini Planetarium*
Opened — *July 2013*

Pathani Samanta Planetarium, Bhubaneswar

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 ISO. The renovated planetarium opened to public in April 2012.

Dome Size — *12 meters*
Digistar Version — *Digistar4*
Projection System — *4 JVC 4K Duel*
Upgraded — *November 2011*

Sub-regional Science Center & Planetarium, Pondichery

A Digistar Outreach Mini Digital Planetarium System has been installed at Pondichery.

The site opened to public in Feb. 2014.

Dome Size — *8 meters*
Digistar Version — *Digistar 4 SP Mini*
Opened — *February 2014*

Jawahar Planetarium, Allahabad

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.

Dome Size — *8 meters*
Digistar Version — *Digistar4*
Projection System — *6 DLP Projectors*
Upgraded — *April 2012*

Guwahati & Ujjain Planetarium, Hybrid Installations

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

Dome Size — *12 meters*
Digistar Version — *Digistar4*
Upgraded — *April 2012*

Sikkim Science Center, Gangtok

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

Dome Size — *8 meters*
Digistar Version — *Digistar 4 SP Mini*
Opened — *August 2014*

Sub-regional Science Center & Planetarium, Jorhat

A Digistar Outreach Mini Digital Planetarium System has been installed at Jorhat.

The site opened to public in 2014.

Dome Size — *8 meters*
Digistar Version — *Digistar 4 SP Mini*
Opened — *August 2014*

Dr. Abdul Kalam Planetarium, Burla, Orissa

Birla 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.

Dome Size — *12 meters*
Digistar Version — *Digistar5*
Projection System — *2 Sony 4K Laser Phosphor*
Opened — *September 2017*

Kokrajhar Planetarium, Assam

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 January 2020.

Dome Size — *10 meters*
Digistar Version — *Digistar5*
Projection System — *SP2HOQ*
Opened — *January 2020*

Nagaland Science Center & Planetarium, Dispur

A Digistar Outreach Mini Digital Planetarium System has been installed at Dispur.

The site opened to public in 2017.

Dome Size — *8 meters*
Digistar Version — *Digistar lite*
Opened — *November 2017*

Pilikula Regional Science Center Society, Mangalore

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.

Dome Size — *18 meters*
Digistar Version — *Digistar6*
Projection System — *3D 8K*
Opened — *March, 2018*

B. M. Birla Planetarium, Hyderabad

The Birla Archaeological & Cultural Research Institute has upgraded the GOTO Opto-mechanical projector at the B. M. Birla Planetarium to a Digistar 6 with 4K projectors.

The renovated planetarium opened in September 2019.

Dome Size — *12 meters*
Digistar Version — *Digistar6*
Projection System — *Sony 4k*
Updated — *September 2019*

Taramandal & Science Museum Govt. of Bihar

Darbhanga Planetarium cum science Museum is a project of Govt. of Bihar, Department of Science & technology. It has 18 M Nanoseam Spitz dome with Digistar 7 4K 3D Planetarium System. The planetarium is inaugurated in Jan 2023 by Hon. Chief Minister of Bihar – Shri. Nitish kumar.

Dome Size — *15 meters*
Digistar Version — *Digistar7*
Projection System — *Dual 4K 3D Christie boxer*
Opened — *2022*

Regional Science Centre cum Planetarium, Govt Of Assam

Nalbary Planetarium is a project of Govt. of Assam, Department of Science & technology. It has 8 M FRP dome with Digistar 7 2K 3D Planetarium System. The planetarium is inaugurated in Dec 2022 by Hon. Chief Minister of Assam.

Dome Size — *8meters*
Digistar Version — *Digistar 7*
Opened — *2022*

Regional Science Centre & Planetarium Govt. of Assam

North Lakhimpur Planetarium is a project of Govt. of Assam, Department of Science & technology. It has 8 M FRP dome with Digistar 7 2K 3D Planetarium System. The planetarium is inaugurated in Dec 2022 by Hon. Chief Minister of Assam.

Dome Size — *8meters*
Digistar Version — *Digistar 7*
Opened — *2022*

Rayagada, Planetarium Govt. of Orissa

Rayagada Planetarium is a project of Govt. of Orrisa Department of Science & technology. It has 12 M Spitz NanoSeam dome with Digistar 7 4K 2D Planetarium System. The planetarium is inaugurated in February 2024 by Hon. Chief Minister of Orrissa

Dome Size — *12 meters*
Digistar Version — *Digistar 7*
Projection System — *Dual 4K Canon Laser Projector*
Opened — *2022*

Baripada Planetarium Govt. of Orissa

Baripada Planetarium is a project of Govt. of Orissa Department of Science & technology. It has 12 M Spitz NanoSeam dome with Digistar 7 4K 2D Planetarium System. The planetarium is inaugurated in February 2024 by Hon. Chief Minister of Orissa

Dome Size — *12 meters*
Digistar Version — *Digistar7*
Projection System — *Dual 4K Canon Laser*
Opened — *2023*

Keonjhar Planetarium
Govt. of Orissa

Keonjhar Planetarium is a project of Govt. of Orissa Department of Science & technology. It has 12 M Spitz NanoSeam dome with Digistar 7 4K 2D Planetarium System. The planetarium is inaugurated in February 2024 by Hon. Chief Minister of Orissa

Dome Size — *12meters*
Digistar Version — *Digistar7*
Projection System — *Dual 4K Canon Laser Projector*
Opened — *2023*

Late Shri. Bala Sahib Thakre Planetarium
Govt. of Maharashtra

This Planetarium is a project of Ratnagiri Municipal Council. It has 8 M FRP with Digistar 7 2K 3D Planetarium System. The planetarium is inaugurated in Dec 2022 by Hon. Chief Minister of Maharashtra

Dome Size — *8 meters*
Digistar Version — *Digistar7*
Opened — *2022*

Pradhan Mantri Sangrahalaya Nehru Planetarium

Pradhan mantri Sangrahalay is an immersive experience at a one-of-a-kind museum dedicated to the Prime Ministers of India. Connect with the country's past and explore the legacy of our Prime Ministers. Nehru Planetarium, New Delhi is apart of this museum.

Dome Size — *15 meters*
Digistar Version — *Digistar7*
Projection System — *8K 3D RGB Pure Laser*
Opened — *2023*

Gopalpur Planetarium
Govt. of Orissa (under execution)

Gopalpur Planetarium is a project of Govt. of Orissa Department of Science & technology. It has 12 M Spitz NanoSeam dome with Digistar 7 4K 2D Planetarium System. The planetarium is inaugurated in February 2024 by Hon. Chief Minister of Orissa

Dome Size — *12 meters*
DigIstar Version — *Digistar7*
Projection System — *Dual 4K Canon Laser Projector*

Guwahati Planetarium
Govt. of Assam

Guwahati Planetarium is upgraded to Digistar 7 in hybrid configuration with Goto Chronos II. It was opened public again in 2023.

Dome Size — *12 meters*
Digistar Version — *Digistar7*
Projection System — *Dual 4K Sony Projector with Goto Chronos Hybridization*
Opened — *2023*

Indira Gandhi Planetarium, Council of Science & Technology UP
Govt. of UP
(under execution)

The optomechanical system and old Zeiss dome is replaced with latest state of the art Digistar 7 8k3D Planetarium system and 15 meter Spitz NanoSeam Dome. The new planetarium system will be opened to public in Dec 2024.

Dome Size — *15 meters*
Digistar Version — *Digistar 7*
Projection System — *8K 3D RGB Pure Laser*

Balangir Planetarium
Govt. of Orissa (under execution)

Balangir Planetarium is a project of Govt. of Orissa Department of Science & technology. It has 12 M Spitz NanoSeam dome with Digistar 7 4K 2D Planetarium System. The planetarium is inaugurated in February 2024 by Hon. Chief Minister of Orissa

Dome Size — *12 meters*
Digistar Version — *Digistar7*
Projection System — *Dual 4K Canon Laser Projector*

Rourkela Planetarium
Govt. of Orissa (under execution)

Rourkela Planetarium is a project of Govt. of Orissa Department of Science & technology. It has 12 M Spitz NanoSeam dome with Digistar 7 4K 2D Planetarium System. The planetarium is inaugurated in February 2024 by Hon. Chief Minister of Orissa.

Dome Size — *12 meters*
Digistar Version — *Digistar7*
Projection System — *Dual 4K Canon Laser Projector*

Banglabandhu Sheikh Mujibur Rahman Nova theatre

This is the 2nd Planetraium of Bangaladesh equipmed with 8k2D Digistar planetarium System. Opened to public in 2024.Hon. Chief Minister of Orissa

Dome Size — *15 meters*
Digistar Version — *Digistar7*
Projection System — *8K 2D Laser Phosphor Projectors*
Opened — *2024*


ANI


EVANS SUTHERLAND
infovision
AAYUSHI infovision
Third Conference on
eration Planetarium
rao Chavan Planetarium,
shik, India
Digistar
to 18th Jan 2008

B.

Vedarth Animation Studio

Animation Studio
Recording Studio

About Vedarth,

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.

Our Animation Studio

Scope of Services

- A production and distribution house for fulldome and large format shows.
- Specializes in immersive content, stereophonic3D, 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.

Our Animation Studio

Capabilities

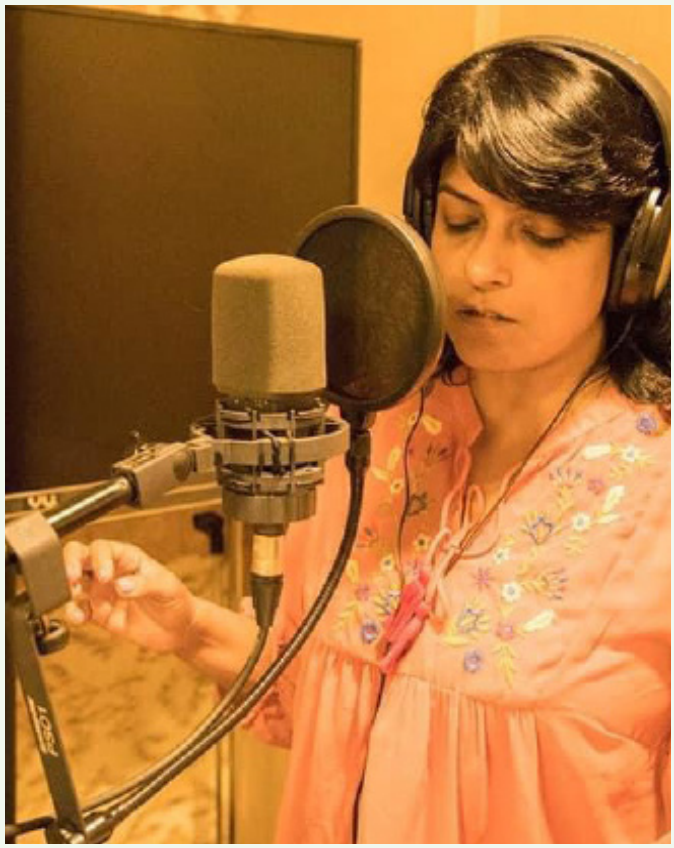
- Full-fledged creative team with CG artists, designers, directors and producers.
- Advisory panel of science and astronomy experts.
- Young, dynamic, and highly creative animators trained by European and American specialists.
- Dedicated and experienced artists for modeling, texturing, rigging, FX animation, 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 30 Stereo is avai lable as well.
- Inhouse Audio Recording Studio.

Behind the scenes of our in house production - Biography of the Universe

Scope of Services

Our studio, located in Pune, celebrated the inauguration of its new facility in 2018.

The event was graced by the presence of Shri Ashok Hande and Smt. Poornima Manohar. This new facility is equipped with state-of-the-art technology and designed to inspire creativity and enthusiastic innovation in all our projects.

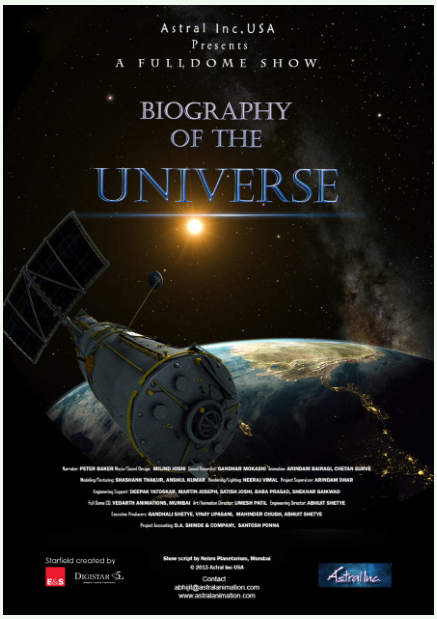


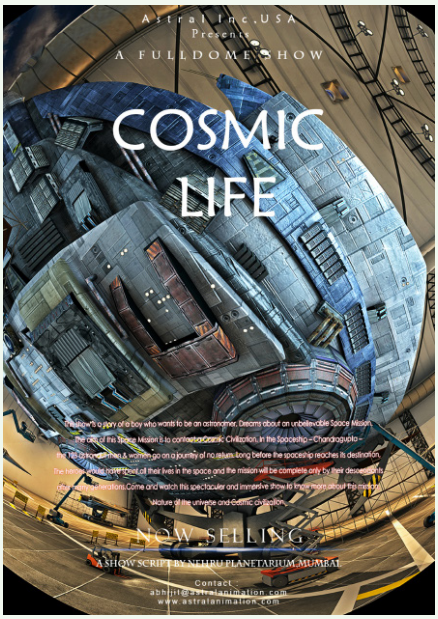
Our cutting-edge recording studio

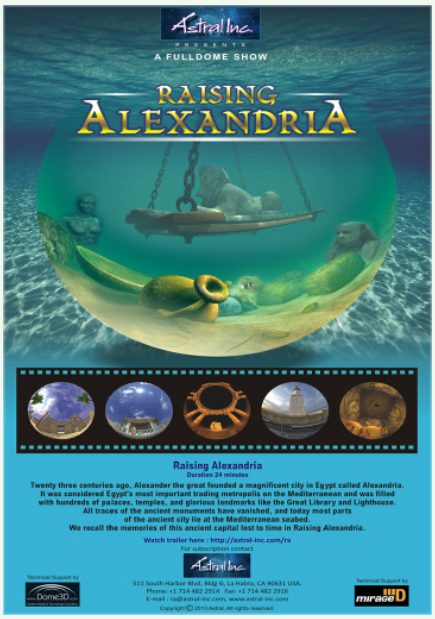
Our spacious, open studio workspaces

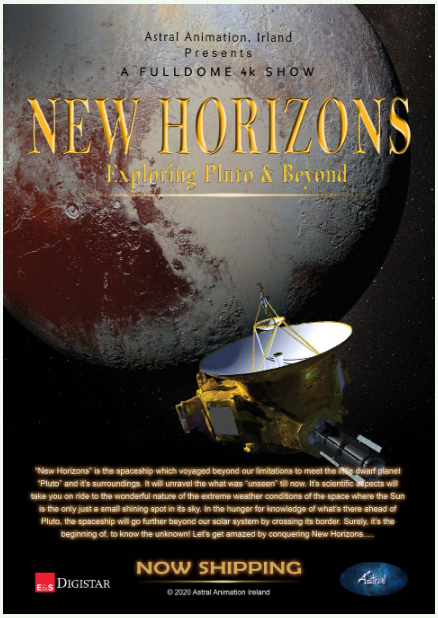
Our Full Dome Shows

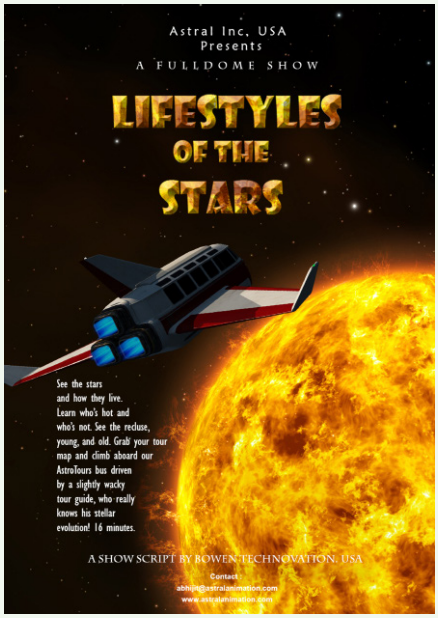
Vedarth has produced seven full-dome shows, with two more currently in the pipeline. These shows are available dubbed in multiple languages. With an in-house animation and recording studio, Vedarth ensures high-quality production, from concept development to final output, allowing for complete creative control and flexibility in delivering immersive edutainment experiences.











C.

Sky on Wheels

Mobile Planetarium & Observatory

About Sky on Wheels,

Concept & Objective

Infovision has introduced a new concept of Mobile Digital Planetarium - ***Sky-On-Wheels,*** as a part of popularization of Astronomy and Science in India. We have taken one step ahead to fulfill our goal of reaching to each and every child of our country. It is designed to being Portable Educational Environment for almost all topics - Ancient history, Archeology, Astronomy, Biology, Earth science, Natural history, Science Fiction etc. ***Sky-On-Wheels is also one of the best tools for Corporate Social Responsibility (CSR) activity***.

What is Sky-On-Wheels?

Sky-On-Wheels is a movable planetarium in the shape of a huge dome that transports you to the outer world by making it a real experience. It is the perfect, effective and most-professional tool to educate students in a three dimensional environment that significantly aids real cosmic understanding. With a Fulldome, pre-rendered, high-definition video playback and Real-time 3D computer graphics, one can view more than 200 real-time astronomical demonstrations. Be it a tour of the night sky highlighting constellations, planets and conjunctions, exploring the solar system, planets and their moons, journeying beyond our solar system to see how far radio and TV waves have leaked into space, or traverse millions of galaxies and span millions of light years.

It takes 60 minutes to setup Sky-On-Wheels Planetarium. The air conditioned inflatable dome can accommodate 35-50 children in small dome (5 or 6 meter diameter) and 80-100 children in large 8 meter diameter dome in one show. During School hours, about 500-1000 students per day can see the show. School can choose any show from list or can have live astronomy shows conducted by educators and astronomers. Special shows based on the school syllabus are also available in all Indian regional languages. Customer is required to provide dust free, proper air ventilated and clean indoor space / hall to install this Planetarium.

The minimum area required to install the system is
16ft W x 16 ft L x 12 ft H for 5 meter &
35ft W x 35ft L x 22ft H for 8 meter dome.

Why Sky-On-Wheels?

Astronomy education is easier with planetariums so children at interior areas are also benefited with portable system. Sky-On-Wheels can not only be conducted at any available time but also run can run on portable Power Generator, where there is no electric power available in town. Apart from Astronomy shows, the Sky-On-Wheels also has the shows related to Earth Science such as pollution and global warming. These shows are useful and easy to understand for the rural area's children.

Events

Till date, the quality, performance, and spectacular content found in larger planetariums have been completely out of reach for small portable, mobile planetariums. But now, with the help of Digistar Lite - Digital Revolution, children can get the planetarium experience in their own school or town.

With Mobile Digital Planetarium, there are no longer headaches of organizing a field trip to an offsite planetarium. Sky-On-Wheels can even reach to children in the villages and give them the same experience and education that is available in bigger planetariums.

Sky-On-Wheels Project in Khopoli, Maharashtra

Lunar Eclipse through telescope in Ratnagiri, Maharashtra

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

Students engaging in size comparision activity of planets inside the Dome

Chief Minister inaugurated Goverment of Karnataka's project - Sky-On-Wheels

This Mobile planetarium fits in six (6) small suite cases. This is carried anywhere in a van. It contains following items:

A. Digistar Computer with Software

B. High Resolution DLP projector (Native resolution 1400 /1050 or 1920 x 1200, Brightness 7500 ANSI lumens)

C. Specially made Fisheye lens

D. Vertical Door Inflatable dome of eight (8) meter diameter. (5 meter for small place)

E. Air Blower – 1 No

F. Portable Air Conditioner (1 Ton) – 1 no (optional)

Astronomy Simulation Software :

Digistar Lite is based on the world's most advanced digital Planetarium system; - Digistar, Manufactured by Evans & Sutherland Computer Corporation, USA. The technology combines a complete color star projection and astronomy package with full dome video playback and digital surround sound. It also offers real-time rendered and textured models making it easy to create meaningful, fun, and educational experiences in the 3D universe. The database is based on the Digital Universe dataset from AMNH and NASA. Just feed the longitude, latitude, the date and time, you will get the actual true sky of that place on the dome!

This software is designed for 5 - 8 meters diameter Inflatable Portable domes. The Digistar Lite condenses all the tools needed for real-time domed theatre production and presentation into a tightly integrated, compact, and easy-to-use package.

Sky on Wheels comes with a rich set of astronomical objects and a selection of full-dome video shows. Please visit shows section to check available shows. The shows are available from 10 minutes to 42 minutes duration. Shows are available and suitable for all Grades. Some of the planetarium Shows are based on STATE BOARD, CBSE and NCERT Syllabus.

Hardware:

The Sky on Wheels consists of Inflatable domes of 5, 6 or 8 meter diameter. The dark chip technology projector with a specially designed single fisheye lens positioned in the center of the dome to display a larger-than-life, seamless image.

Key features of Sky-On-Wheels

- Product of Industry Leader Evans & Sutherland, USA who have more than1000 installations of Digistar Digital Planetarium across the world including 55 in India
- Digistar Software is based on Digital Universe database by NASA.
- Leader in show content, so all types of shows available.
- Can conduct live shows.
- Shows in all local languages.
- Easy to setup and operate.
- Most reliable product
- 24 hrs service support in India
- More than 30 High quality shows of large planetariums available on Sky-On-Wheels.
- Constant air circulation to feel comfortable inside the dome.
- Easy system to regulate the intensity of the air flow from the dome.
- High quality single layer fabric with a density enough to completely block out external light.
- Specially designed screen fabric provides highest quality of projection, contrast, color accuracy and uniformity of light.
- Optional Air condition available in extreme climates.

D.

Science & Art Galleries

Museums
Interactive exhibits

About Galleries & Exhibits,

We are a premier turnkey solutions provider for Science & Art Galleries, dedicated to bringing visionary projects to life by seamlessly integrating design, technology, and content. Our holistic approach ensures that each gallery becomes an immersive experience where science meets creativity, fostering inspiration, education, and engagement for all visitors.

Key Features:

• ***Custom Gallery Solutions:*** Tailored to meet the unique needs of scientific institutions, art museums, cultural centers, and educational facilities.

• **Seamless Integration:** We specialize in blending scientific and artistic elements to create a multidisciplinary space.

• ***Cutting-edge Technology:*** Interactive displays, VR/AR integration, projection systems, and more.

• ***Turnkey Project Delivery:*** From concept to execution, we ensure every detail is managed professionally.

• ***Sustainability Focus:*** We prioritize eco-friendly materials and energy-efficient technologies in every project.

Scope of Services

With a deep understanding of both the artistic and scientific worlds, we specialize in curating spaces that not only exhibit but also engage and educate. Our comprehensive services encompass every stage of the gallery development process:

1.Consultation & Concept Development
We collaborate closely with our clients to understand their vision, goals, and target audience. By integrating both science and art in innovative ways, we help create a concept that tells a compelling story and enhances visitor interaction.

2.Design & Architecture
Our design team ensures that the space is architecturally sound and aesthetically stunning. We take into account spatial dynamics, lighting, accessibility, and audience flow to create an environment that is both functional and inspirational. Whether designing from scratch or renovating an existing space, our aim is to create a gallery that aligns with your artistic or scientific theme while fostering an engaging atmosphere.

3.Technology Integration
Leveraging state-of-the-art technology, we design galleries with interactive digital displays, projection mapping, virtual and augmented reality, and sensory experiences that bring exhibits to life. Our expertise in 3D projection systems, dynamic lighting solutions, and multimedia installations ensures that your gallery stands at the forefront of innovation.

4.Exhibit Fabrication & Installation
We provide custom fabrication services for exhibits that range from large-scale scientific installations to intricate art displays. Our team ensures that each piece, whether static or interactive, is fabricated to the highest quality standards, keeping durability, safety, and visual appeal in mind.

5.Content Development & Curation
Our content specialists curate exhibits that not only display information but invite curiosity and critical thinking. Whether it's showcasing the wonders of space, the marvels of technology, or the beauty of artistic expression, we develop narratives that resonate with your audience. We also work closely with local artists, scientists, and curators to ensure the gallery's content is rich and diverse.

6.Project Management & Coordination
From the initial design phase to the grand opening, we manage every detail of the project to ensure timelines, budgets, and quality standards are met. Our team is experienced in coordinating with architects, contractors, suppliers, and local authorities to streamline the process and minimize disruptions.

7.Maintenance & Support
After the gallery's completion, we provide ongoing support and maintenance services to ensure that exhibits continue to function smoothly and that the space remains in top condition. We offer technical training for staff, as well as regular updates and enhancements to keep the gallery at the cutting edge of science and art.

Human Evolution Exhibit

On Exhibit,

Hon. Dr. Abdul Kalam Science Gallery at Late Shri. Balasaheb Thakre Planetarium, Ratnagiri

On the rails - Centre of Gravity

Funny Mirrors - Image distortion by curved mirrors

The Black Hole - Law of Conservation of angular momentum

Curator explaining LVM 3 Rocket diuring inauguration

Art Exhibits

Our proven track record in delivering world-class Science & Art Galleries is built on a foundation of creativity, precision, and innovation. We pride ourselves on creating spaces that not only showcase knowledge and beauty but also spark curiosity and ignite the imagination of visitors. Whether your gallery seeks to inspire future scientists or celebrate artistic mastery, we bring your vision to life with unmatched expertise and dedication.

Art Gallery at Late Shri. Balasaheb Thakre Planetarium, Ratnagiri

Demonstration of Sun Dial during inauguration day Hon. Dr. Abdul Kalam Science Gallery at Late Shri. Balasaheb Thakre Planetarium, Ratnagiri

E.

Other Services

Augmented (AR) & Virtual Reality (VR) Theme Park

Our other services,

AR, VR, and 3D/4D/5D Cinema Solutions – Bringing the Future to India

We are excited to introduce a new generation of immersive experiences with our comprehensive range of Augmented Reality (AR), Virtual Reality (VR), and Interactive Cinema solutions. These cutting-edge technologies redefine audience engagement, blending the physical and digital worlds to create transformative educational and entertainment environments. Available as part of our turnkey offerings, these advanced modules are ideal for museums, science centers, educational institutions, and cultural venues across India.

A New Dimension in Experience-Driven Spaces

Our AR, VR, and Interactive Cinema solutions allow visitors to dive into digital environments, interact with exhibits in novel ways, and enjoy fully immersive cinematic experiences. In collaboration with international leaders in the AR/VR space, we ensure our clients in India have access to the most innovative, world-class technology and content.

Bringing the Future to India

As pioneers in offering turnkey AR, VR, and 3D/5D/7D Cinema solutions in India, we are committed to elevating the educational and entertainment landscapes. Our partnerships with leading international technology providers ensure that Indian audiences experience the best in cutting-edge immersive technology. Whether you are looking to create a fully immersive digital gallery, a classroom of the future, or an interactive cinema, we are ready to help you deliver experiences that will captivate and inspire your visitors.

Our Offerings:

1. Virtual Reality (VR) Modules

Step into an entirely virtual world where the impossible becomes possible. VR creates fully immersive environments that allow visitors to explore, interact, and learn in ways never before imagined.
•***Immersive Experiences:*** From exploring the depths of the ocean to walking on the surface of Mars, VR brings scientific, historical, and artistic content to life.
•***Educational VR:*** Ideal for schools and science centers, VR transforms traditional education by allowing students to interact with 3D models, participate in virtual field trips, and engage with complex scientific phenomena in a hands-on manner.
•***Entertainment VR:*** Whether it's virtual gaming arenas or cinematic VR storytelling, our VR modules offer highly engaging entertainment options for all ages.

2. Augmented Reality (AR) Solutions

AR overlays digital content onto the real world, enhancing the visitor experience by providing interactive layers of information and storytelling.
•***Interactive Displays:*** Visitors can use their mobile devices or in-house AR equipment to interact with exhibits, unlocking additional layers of information or interactive media.
•***AR Walkthroughs:*** Enrich physical spaces like galleries and museums with AR-powered guided tours that reveal detailed explanations, animations, and immersive narratives.
•***Educational AR:*** Perfect for classrooms, AR can provide dynamic educational tools, such as interactive maps, 3D anatomical models, or historical recreations.

3. 3D / 4D / 5D Cinema – Immersive Entertainment Solutions

We bring the next level of immersive entertainment to your venue with our cutting-edge 3D, 4D, and 5D Cinema Solutions. These innovative formats take cinema beyond the traditional screen, engaging audiences with multisensory experiences that blend visual effects, motion, and interactivity.

Our Cinema Offerings:

3D Cinema

- Visual Immersion: Offers a rich, realistic viewing experience with depth perception, bringing movies and documentaries to life.
- Application: Perfect for theaters, science centers, and museums, enhancing both entertainment and educational content.

4D Cinema

- Multisensory Engagement: Combines 3D visuals with environmental effects like motion, wind, mist, and vibrations to create a lifelike experience.
- Application: Popular in theme parks and specialized theaters for thrilling, interactive film viewing.

5D Cinema

- Interactive Experience: Adds user interaction with the content, allowing audiences to participate in the storyline or gameplay for a fully immersive adventure.
- Application: Ideal for amusement parks, gaming, and educational simulations.

Our Offerings:

Turnkey Solutions – A Complete Package

We provide end-to-end solutions for AR, VR, and 3D/4D/5D Cinema projects, ensuring every aspect is covered from concept to completion. Our turnkey approach includes:

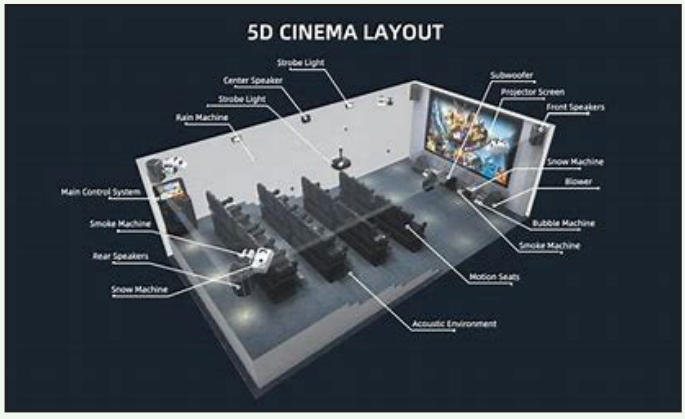
•***Consultation & Customization:*** Understanding the needs of your institution and audience, we tailor the solution to fit your vision and objectives.
•***Design & Integration:*** Seamlessly incorporating AR, VR, and Interactive Cinema technologies into existing spaces or new developments with a focus on aesthetics, accessibility, and functionality.
•***Content Development:*** Working with world-class content creators, we develop customized experiences that suit **your educational or entertainment goals.**
•**Installation & Training:** We handle the installation of the necessary hardware and software, as well as train your staff on operating and maintaining the systems.
•***Ongoing Support & Maintenance:*** Our team provides technical support and regular updates to ensure the longevity and continuous improvement of your AR, VR, and Interactive Cinema experiences.

Key Benefits:

•***Enhanced Engagement:*** AR, VR, and Interactive Cinema create highly engaging, interactive experiences that captivate audiences of all ages.
•***Cutting-edge Technology:*** Access to world-class, next-generation technology developed in collaboration with international leaders.
•***Customizable Content:*** Tailored experiences that reflect the unique needs and goals of your institution, whether educational or entertainment-focused.
•***Future-Proof Solutions:*** Our technology is scalable and upgradable, ensuring your investment remains relevant as new innovations emerge.

Industries Served:

•***Museums & Science Centers:*** Transform exhibitions with interactive, educational AR/VR modules and immersive cinema experiences.
•***Educational Institutions:*** Empower students with immersive, interactive learning tools that bring abstract concepts to life.
•***Cultural Centers & Art Galleries:*** Combine art and technology to create multisensory exhibitions that engage the modern audience.
•***Entertainment Venues:*** Provide your visitors with unique, dynamic entertainment experiences that stand out in the digital age.



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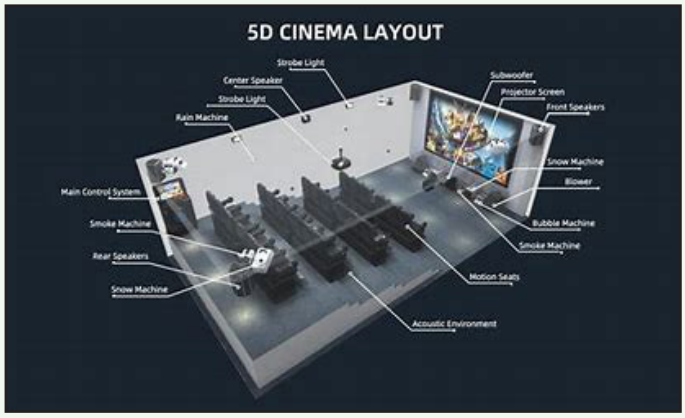

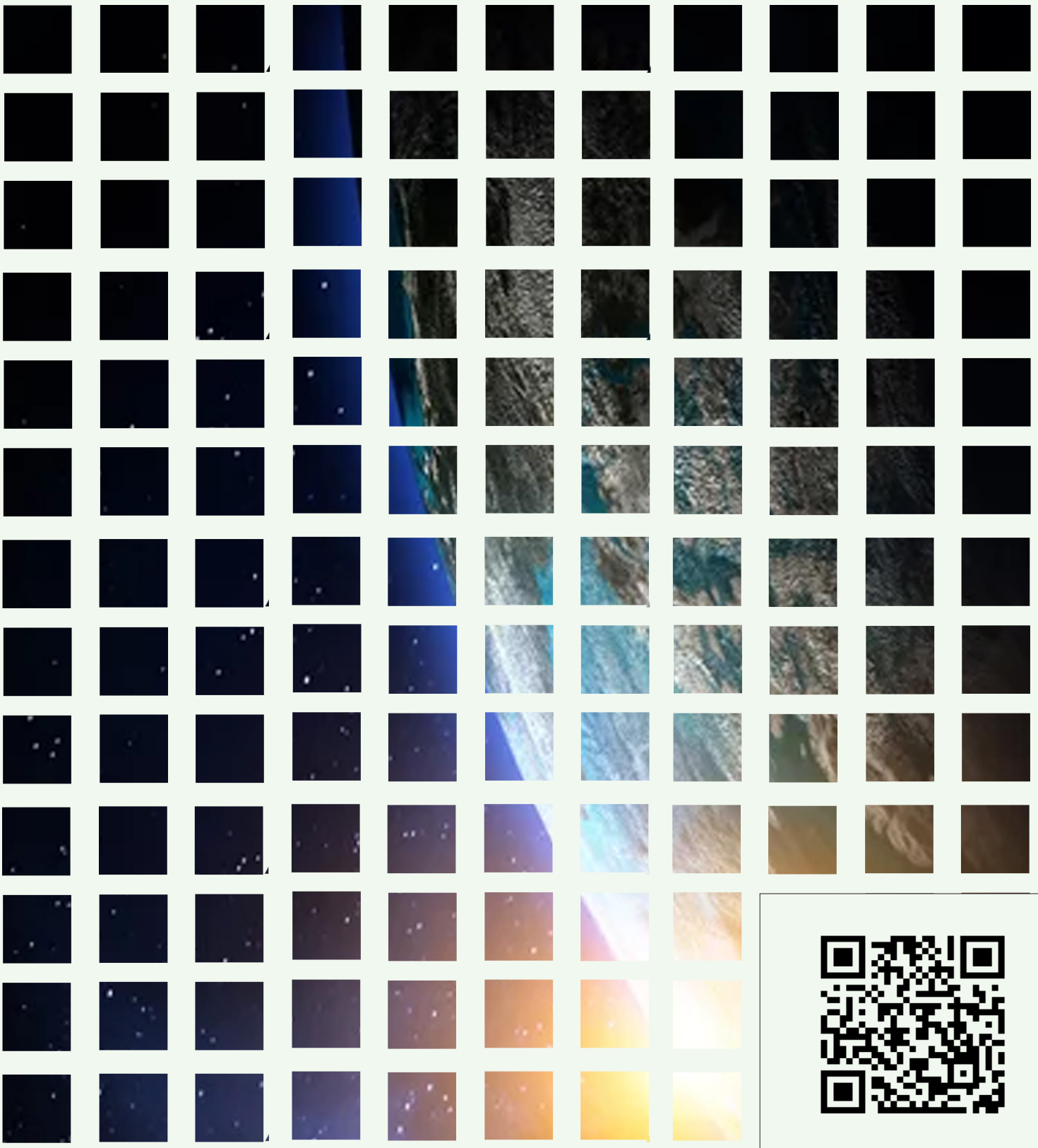

infovision
डिजिटल तारामण्डल

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