

ihD | Global Technology Consultant

*REOWNED FOR OUR DESIGN AND
PERSONAL ATTENTION TO OUR
CLIENTS THROUGHOUT & BEYOND ASIA...
ihD | Global Technology Consultant
gets results, taking your needs from
Concept to Reality, ensuring excellent
results every time*





the ihD Group

ihD Group

ihD Ltd is headquartered in Hong Kong, with offices in China, India, Malaysia, and the Philippines, providing localised support for our clients.

The Head Office is in Hong Kong, where new solutions are created and evolved, latest technologies evaluated and benchmarked, and Quality Standards developed and implemented. Strong design-experience across our localised offices however, ensures intelligent and skilled design and support throughout the Group, assuring fresh, truly-original design, tailored for your needs, with the built systems easily-operable, reliable and maintainable.

ihD offers consultancy in all of the iTechnology disciplines, and is expert in the delivery of these, maintaining independence from manufacturers & Contractors, because even though we intimately know the available and emerging products and systems, we do not engage in their supply. This results in design which is free from bias, using solutions most-appropriate to our clients technical *and* financial needs.

ihD also provides Troubleshooting and System Tuning/Setup service, carries out Facilities audits, and provides within the APAC region, various trainings in the Asia Pacific region.

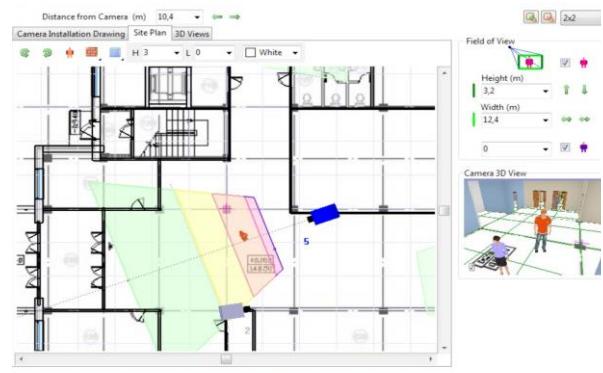
1 Hong Kong, home of ihD Headquarters

2 Server Room Inspection

3 Surveillance Design in-progress

4 Testing & Commissioning

5 ihD technology Training for a Client IT Team



Time	Focal Len.	Aspect Ra...	Lower Bou...	X	V	Directi...	Resolution	Zone Visibility	Description	Dead Zone	Dead Zone Wid...
23.4.2.0	4.3	0	46.0 - 8.3	288.2	0	640x480 (VGA)	✓	✓	5.98	14.05	
25.5.3.6	4.3	0	4.5 - 0.1	349.8	0	1600x1200 (2 MP)			2.34	4.54	



ihD Service

ELV

ELV design, incorporating various mixes of surveillance and access-control, as well as Threat-Analysis, Layer 1/2/3 security design, explosives- and gun-detection, Guard Tour, MATV/SMARTV, IPTV, Lighting Control, PA, Intercom, Car Park Management, Building-Automation, BMS, Guestroom Management Systems. Use of analytics for intelligent and effective surveillance

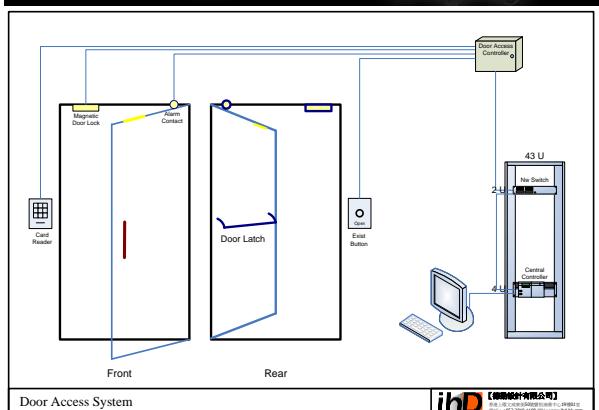
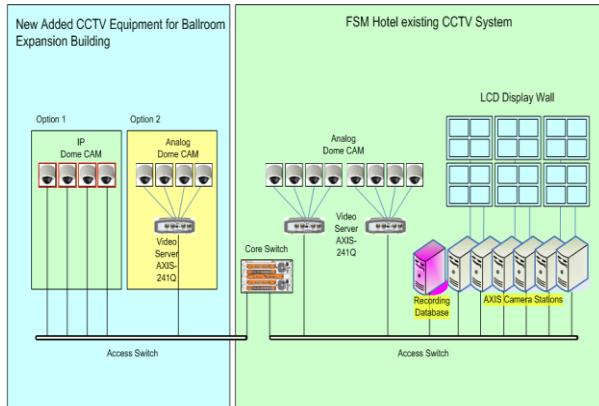
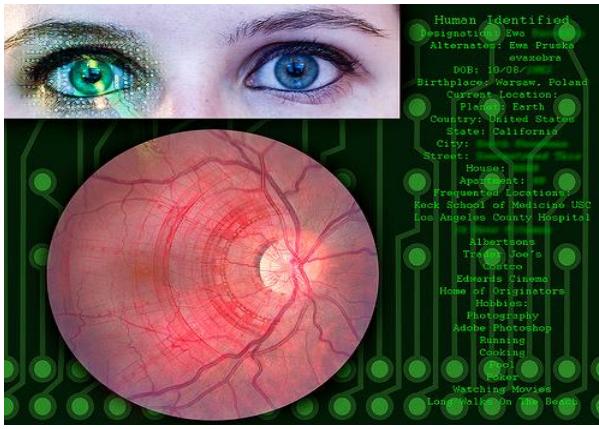
Good Security system design is an essential investment for property owners and operators, avoiding exposure of staff and guests to crime risks and damage of the organization's reputation and goodwill

Security systems provide surveillance with automated alarm triggering and extended image storage, accessible through the LAN.

Door access-control through card, facial, and thumbprint recognition.

Centralised Security Monitoring Centres allow security staff to keep an eye on all activities in all relevant areas of the Facility, both internally, and externally.

We provide also experienced *tactical* security and Risk-assessment consultancy starting with a threat-analysis on-site. We design systems that work



Potential Blast Effects - 90 kg Car Bomb

Targets	Asset Value	Threat Value	Vulnerability Value	Score	Rank
Laundry, Staff Cafeteria, Prod: Kitchen & Lockers	6.8	5	4.2	142.8	12
Human Resource, Computer Rm, Security Room	6.5	5	3.8	123.5	28
Spa, Gym, Swimming Pool & Fitness	6.8	5	4.2	142.8	12
Residential parking	3.2	5	4.5	72	61

1 Biometric Facilities

1

2 Video Surveillance System

2

3 Centralised Security Monitoring Centre

3

4 Access Control & Alarm/Intrusion Detection

4

5 Tactical Security and Threat-Assessment

5

ihD Service

IT / PABX

Information Technology infrastructure providing the backbone for Convergence IP Network – Cabling, Active Components, Wireless, Telephony, IPTV/VOD, HSIA, Room Control, Back of House data service, CCTV etc.

The structured cabling system provides a platform upon which an overall information system strategy is built. With a flexible cabling infrastructure, a structured cabling system can support multiple voice, data, video and multimedia systems regardless of their manufacturer.

We employ the industry's most accurate WLAN design and deployment tools to ensure optimal wireless network performance, security and compliance. By collecting "live and real-world" signal, performance and spectrum data during wireless network site surveys which allowing us to measure wireless network performance and RF coverage in the most scientific way and possible to design the WLAN network for an optimal Access Point count, placement and configuration. Our key service includes pre-network WLAN modelling, WLAN network pre-installation "active site surveys", post-installation "active site surveys" for WLAN performance verification of an existing network.

The high-reliability and 24x7 service-requirement demands excellent design and attention to every detail. Our IT consultancy services are designed for helping our customers to face this challenge.

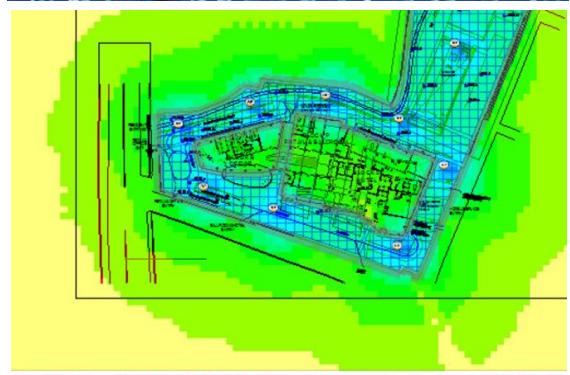
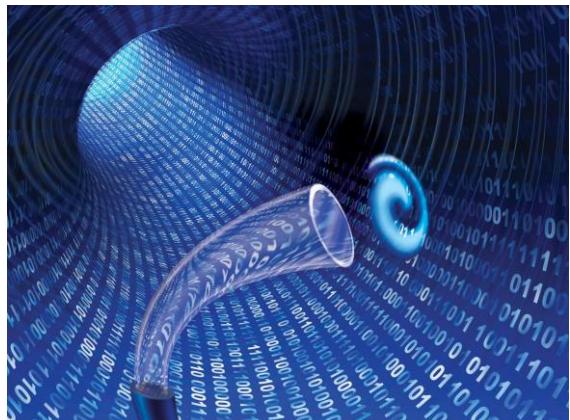
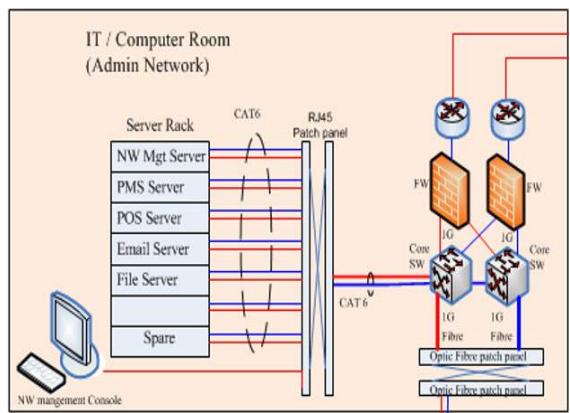
1 Integration of Many Systems including PABX

2 Detailed Design down to Component-Level

3 Fibre for Secure & High-Speed Data Transmission

4 Wireless Network Design through 3D-modelling

5 Server & Telco Room Design



ihD Service

Audio-Visual

Includes Audio, Display and Presentation, and Control Systems design, but also incorporates networking, inter- and intra-net monitoring and control, and all multimedia and multi-touch technologies.

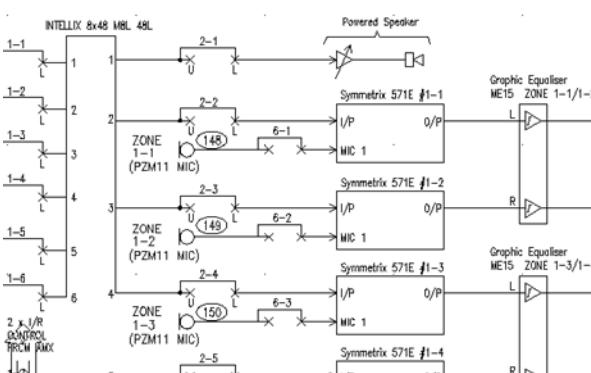
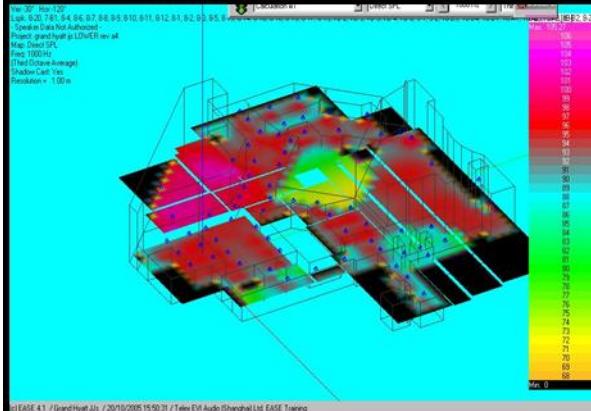
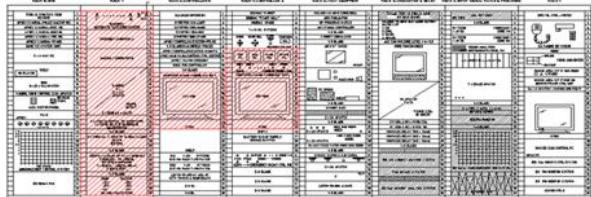
A Project's initial framework or Concept Design is built upon interactive meetings and briefings with the Client Team, with interjected ideas and possibilities from ihD.

Following this, the blueprint for the System – the Detailed Design – is made. Elements include 3D-modelling and simulation for audio coverage, detailed system schematics and layouts, identification of power, network, and other associated services.

This leads on to Tendering and award of an AV Contractor, and our careful monitoring and inspections of progress, re-directing the Contractors where needed, to maintain quality.

Finally carrying out full evaluation and snagging, in order to bring our clients the Systems they need.

Our expert System Setup & Calibration service, troubleshooting package, EASE modelling, and Control- & Audio-Programming services are



Detailed Equipment Layout Planning

1

3D Audio Simulation during Audio-Design

2

Complete Accurate Schematics

3

Practical Room Layout Design

4

Effective Results

5

ihD Service

Mechanical & Architectural Acoustics

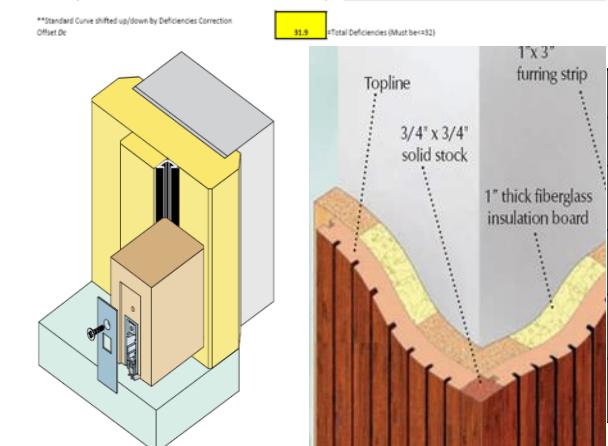
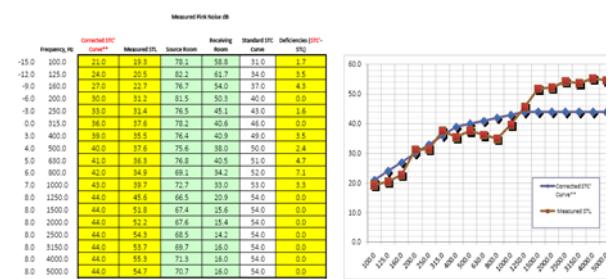
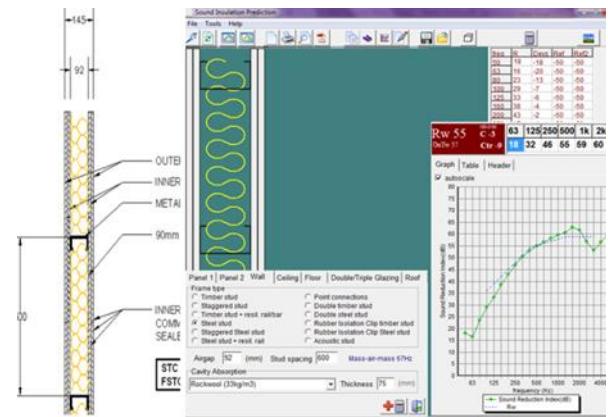
The Acoustic treatment and characteristics of a building or a space will have an everyday effect on all staff and customers, and can materially affect their comfort, productivity and well-being.

Acoustic performance within revenue-generating facilities such as Ballrooms, Meeting Rooms, and Auditoria critically determines client satisfaction as well as repeat-business; clear and intelligible speech is not easily-obtained in large spaces, and yet directly affects ROI. Acoustics involves three areas of control:

Sound-Transmission, restricting sound from passing from one place to another. This determines privacy and freedom from noise in adjacent rooms and corridors/spaces, and elimination of traffic and other exterior noise via correct specification of glazing, avoiding the "click" of high-heeled shoes and machine room/gym noise through ceiling slabs.

Reduced reverberation, making spaces quieter and easier to communicate in. Critical in any space with microphones, and in all medium to large venues, good reverberation control requires experienced knowledge and effective negotiation with the Interior Designers.

Vibration-isolation and noise-containment, keeping building plant room and machine noise out of the building structure and duct.



1 Software Analysis and Design of Structures

2 Effective Operable Walls for effective flexibility

3 Field measurements of achieved Performance

4 Practical and Aesthetic Acoustic design advice

5 Effective Plant Vibration Isolation



corporate

Network-Managed Information Displays

1

Room Booking & Management

2

Flexible Meeting & Presentation Spaces

3

Boardrooms & Video-Conference Suites

4

The Hong Kong Jockey Club

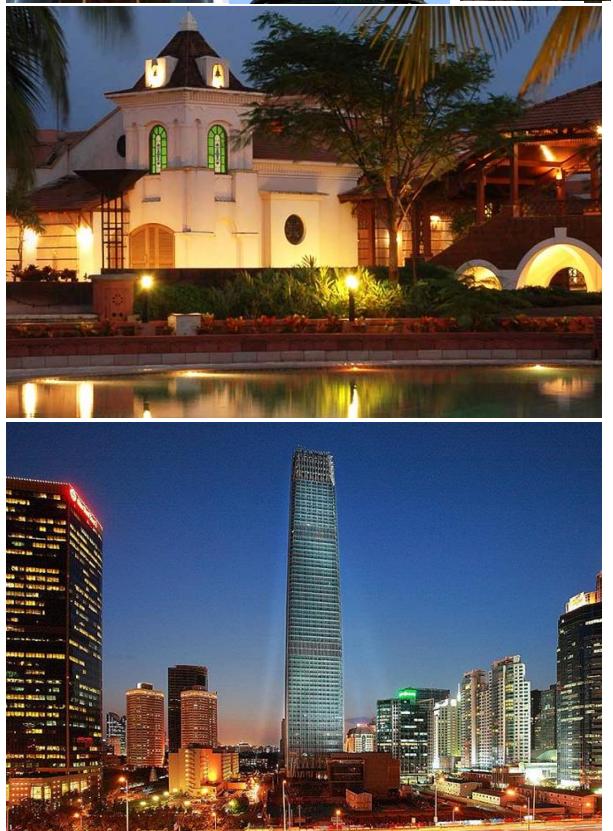
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hospitality

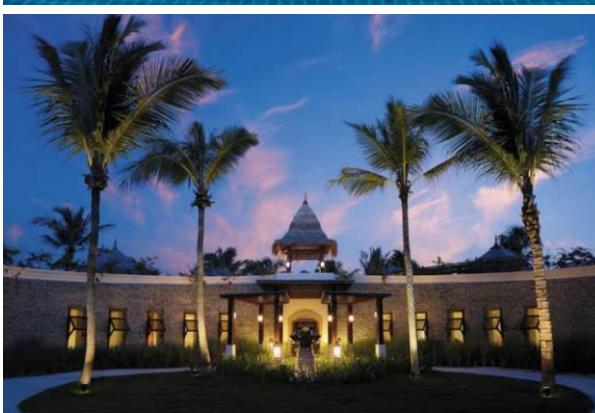


Rosewood Hotel, Tian Jin, China

- 1** Waldorf Astoria, Beijing
- 2** Kempinski Jin Yan Hu, Beijing
- 3** Four Seasons Guangzhou
- 4** Park Hyatt Goa, India
- 5** China World Trade Centre



hospitality



1

Grand Hyatt Hotel, City of Dreams, Macau

2

Megabox Mall, Hong Kong

3

Le Meridien Hotel, Hainan Island

4

Shangri-La Hotel, Maldives

5

The Peninsula, Hong Kong

leisure

- 1** Chong Qing Planning Gallery, China
- 2** Chimelong Theme Park Parkwide Audio, China
- 3** Paris EuroDisney Parade Control & Parkwide Audio*
- 4** The Hong Kong Jockey Club, Racing Museum
- 5** Galaxy Casino & 3 Hotels, Macau



*Prior project by Founder Ian D. Harris

Selection of Clients

Corporate

The American Club
Capital Research Company
CitiGroup
Citrix Asia
Dragages
East West Bank
Electronic Arts
Filinvest Alabang, Inc
Globe Telecom, Inc
Hong Kong Football Club
Hong Kong Jockey Club
Morgan Stanley
Verizon

Education

AMA Group
Chinese University of Hong Kong
English Schools Foundation
Picar Holdings
Pui Ching Primary School

Exhibition Gallery

Chong Qing Planning Department
Dalian Planning Department
Jinan Planning Department
Hong Kong ASD

Hospitality

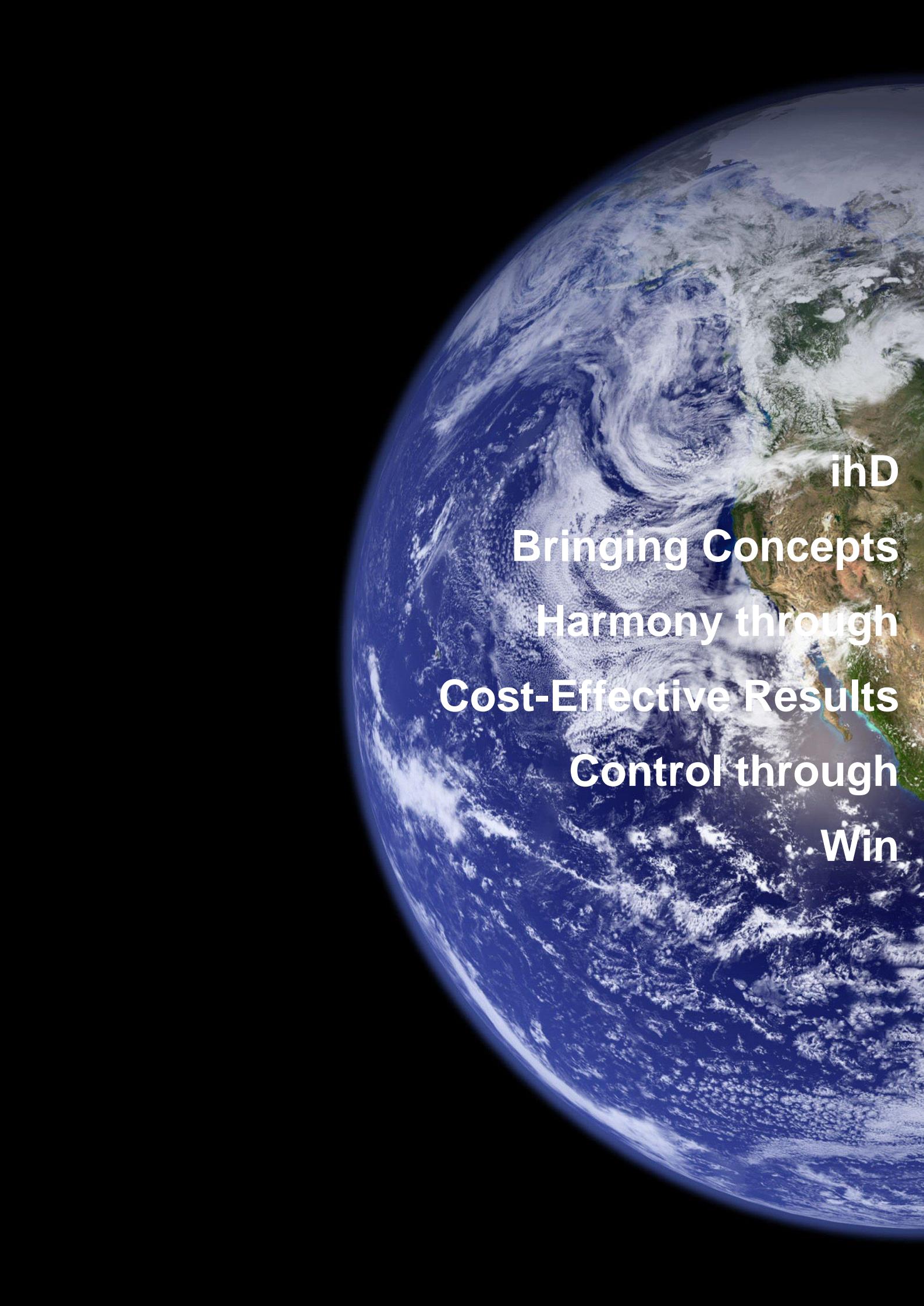
Araneta Center, Inc
Banyan Tree
Bulgari
Cofco
China Resources
Dynamix
Balwas Group India
Fairmont Hotels
The Four Seasons
Galaxy
H2O Ventures, Inc
Hilton Hotel Group
Hong Kong & Shanghai Hotels (Peninsula)
Hyatt International
Jumeirah
Marriott Group
Mandarin Oriental Hotel Group
Manila Hotel Corporation
Marco Polo Group
MGM Grand
Novotel
The Mira
Ocean Park Philippines
Raffles Hotels
Shangri-La Hotels & Resorts
Starwood Group
Swire Hotels
Xin Tian Ti Development Corp

Mall

Kerry Properties
Four Seasons
Chinese Estates

Leisure

AMA Group, Philippines
Kunming Government
Saint Andrews Church, Hong Kong
Sun Hung Kai Properties
Union Church, Hong Kong
Swire Properties

The background of the entire image is a high-resolution satellite photograph of Earth's surface, showing swirling cloud formations and the outlines of continents like North America and South America.

ihD

**Bringing Concepts
Harmony through
Cost-Effective Results
Control through
... Win**



Ltd
into Reality
Team Building
by Responsible Design
Effective Management
Win

WE DELIVER...ALL THE TIME... EVERY TIME

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