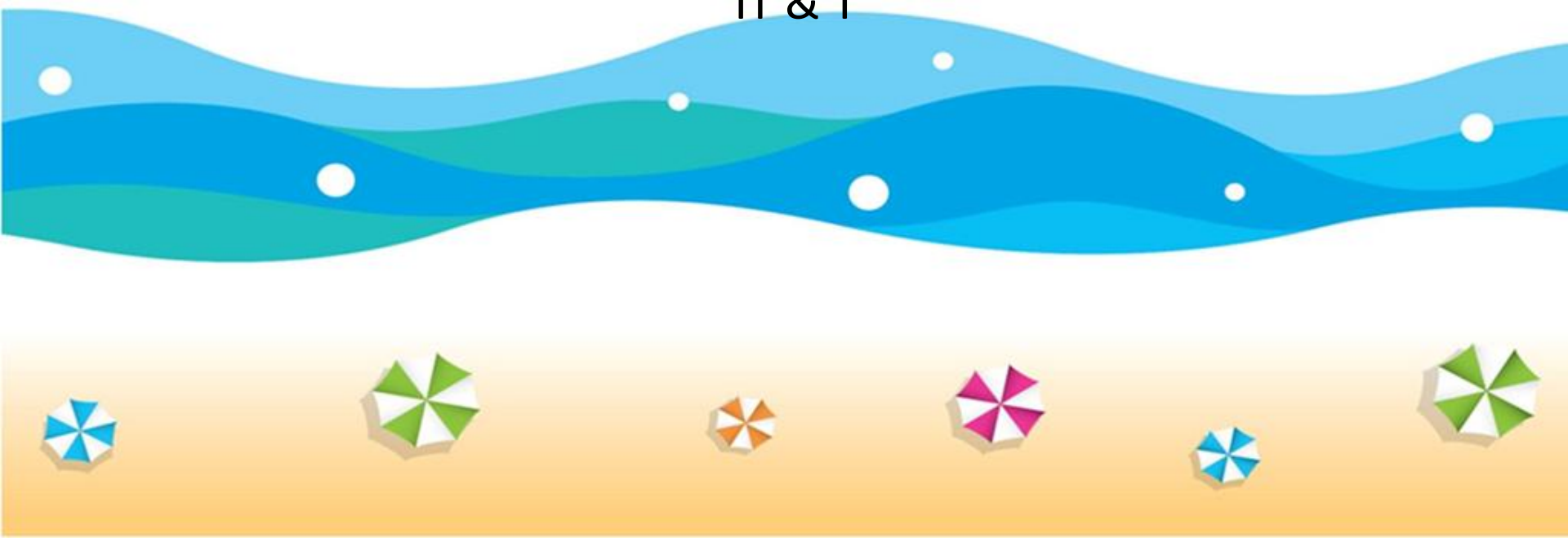
OLYMPIC COUNCIL OF ASIA

4th ASIAN BEACH GAMES
PHUKET 2014
Thailand

2nd PABGOC – Technical Delegates Meeting

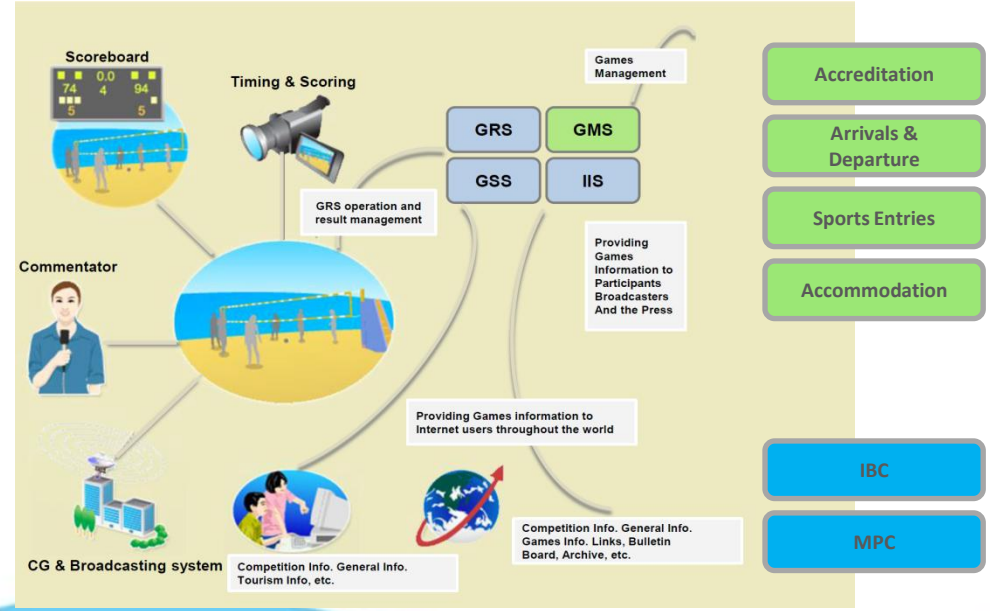
IT &T

Aneak Pongsabutra
Director
IT & T

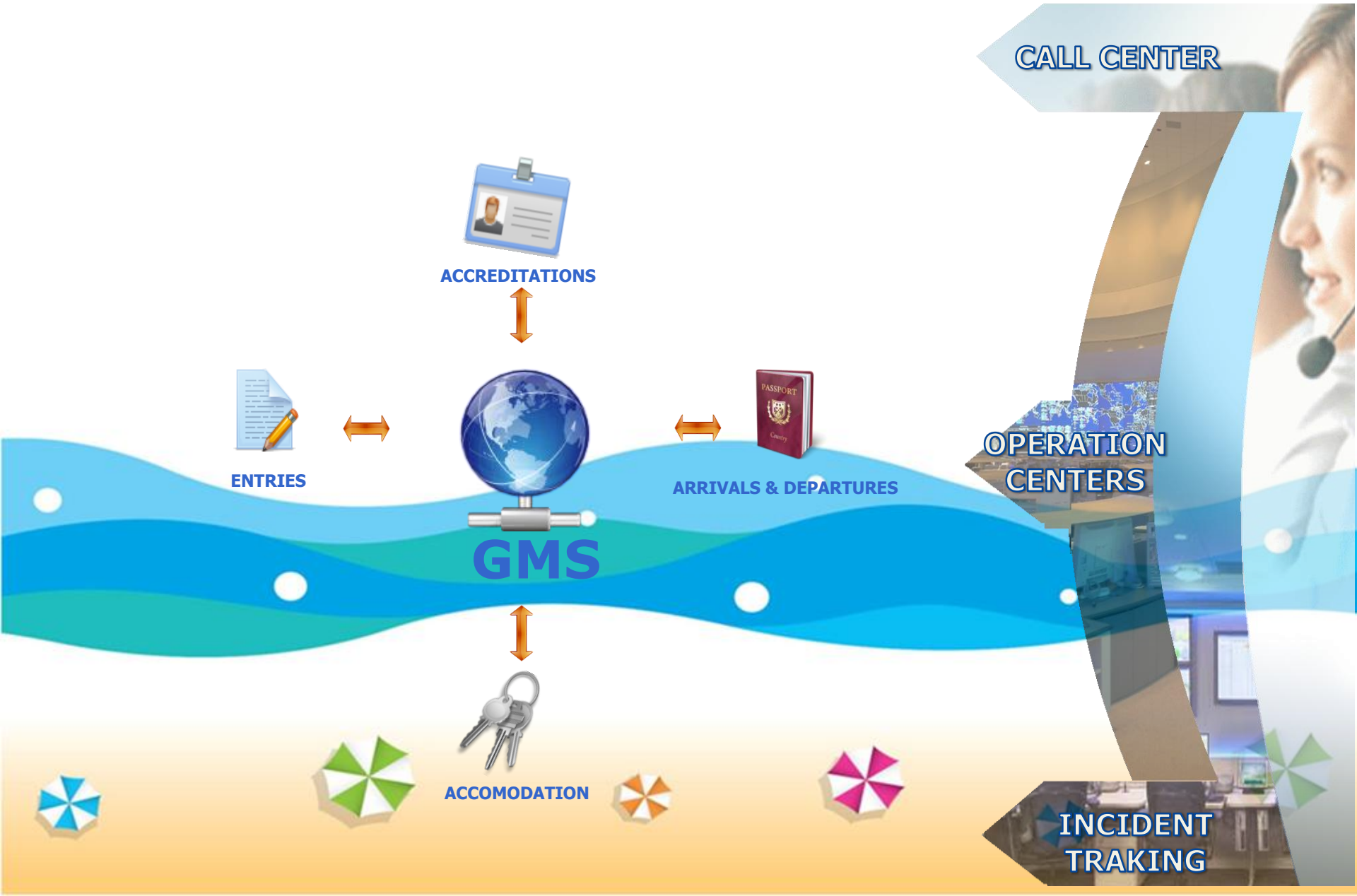


Games Information System

- GMS (Games Management System)
  - E-Accreditation (E-ACR)
  - Arrivals & Departures (ARD)
  - Sport Entry System (SES)
- GRS (Games Result System)
  - Venue Results System (VRS)
  - TV Graphics (TVG)
  - Commentator Info Sys (CIS)
  - Central Results System (CRS)
- DTS (Distribution System)
  - Internet Interface System (IIS)
  - OCA Results Protocol (ORP)
- GSS (Games Support Systems)
  - Monitoring System at IT Command Centre (ITCC)
  - Help Desk

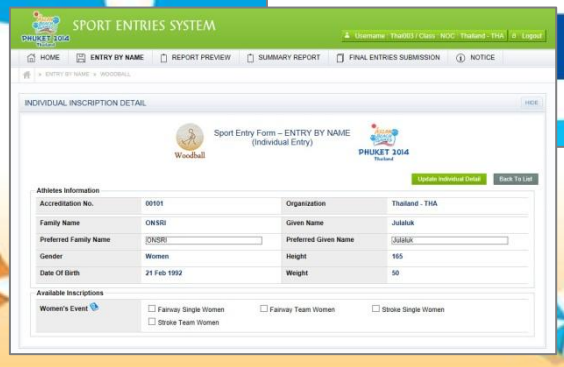


Games Management System



Accreditations

- Advanced, comprehensive and modular software
- Customized and scaled to suit the needs of a specific client for any type of event
- Identifies each person's category
  - Games Family (Athletes and coaches, OC Members, Media, VIPs, Guests)
  - OC Staff (Volunteers, Sponsors, Contractors, Security)
- Manage Application for Accreditation
- Manage Data
- Confirm Participants' Eligibility
- Produce and Issue Accreditation Passes
- Print reports of queries of data



Accreditations

- This module is used via the Internet
- The allowed organizations or users insert the data of the participants they need to accredit
- Avoids human errors

Sports Entries

- Used through the Internet
- Allows the validated user doing the pre-accreditations to fill-in the sport entry of the athletes
- The PABGOC keeps track of the number of athletes being inscribed in each discipline

Arrivals & Departures

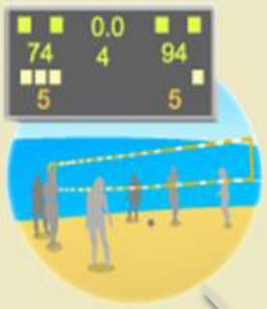
- Control over the arrival and departure dates of all assistants to the Games.
- Calendar views
- PABGOC receives the initial information about flights and arrival and departure.
- Used to prepare the required logistics.

Accommodation

- Control all the accommodation related to the Games
- PABGOC receives the initial information about estimate arrival and departure date.
- Control & assign room for specific person.
- Provide overall report to monitor & control accommodation system.

Games Result System

Scoreboard



Timing & Scoring

Games Management

GRS | GMS

GSS | IIS

GRS operation and result management

Commentator

Providing Games Information to Participants Broadcasters And the Press

Providing Games information to Internet users throughout the world

CG & Broadcasting system

Competition Info. General Info. Tourism Info, etc.

Competition Info. General Info. Games Info. Links, Bulletin Board, Archive, etc.

Accreditation

Arrivals & Departure

Sports Entries

Accommodation

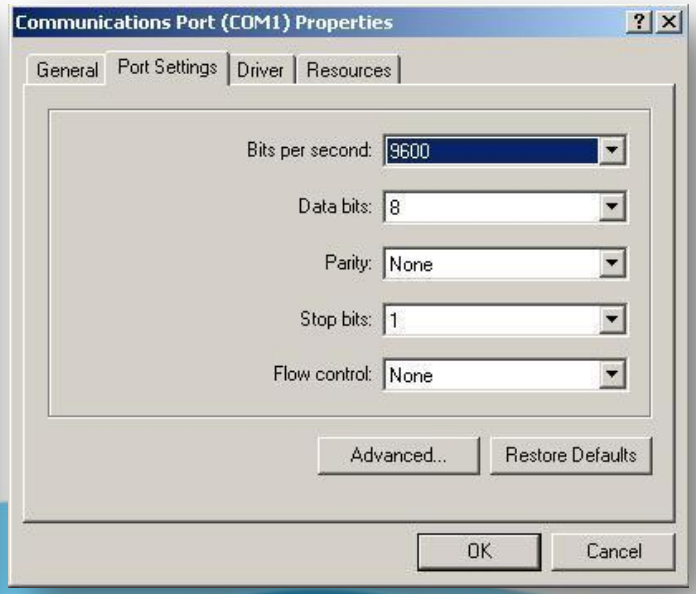
IBC

MPC

On Venue Result (OVR)

- Receives the participants from the GMS
- Allows the sport technicians to modify these participants
- Generates, automatically, the competition structure
- Allows to define the sport schedule
- Generates the start lists according to the rules and allows the configuration of the matches
- Captures automatically the results from the Timing and Scoring devices, allowing manual modification or data entry
- Makes all the calculations, rankings, classifications, records and medals
- Generates the printouts and sends them to the local printers
- Distributes all this information to the other systems
- Generates TV graphics
- Generates Commentator Information System messages
- Generates scoreboard screens
- Updates the central database
- Sends printouts files to the Print Distribution System

Data Entry

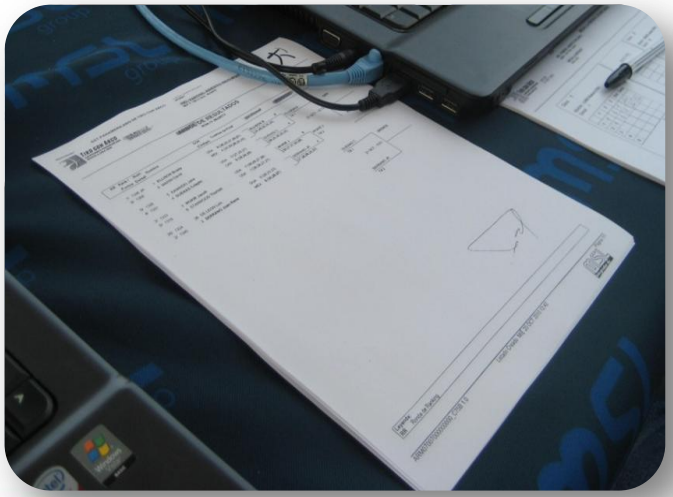


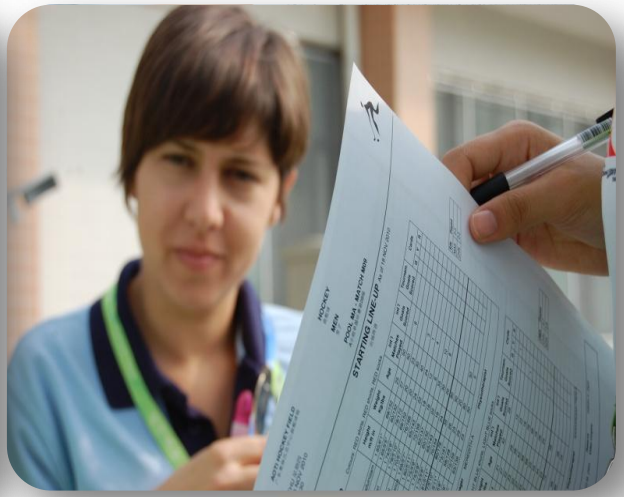
- Completely integrated and interfaces with the timing and scoring systems
- Automatically produces all required outputs (printouts, scoreboard and video-board feeds, TV feed, CIS, INFO, Internet...etc)

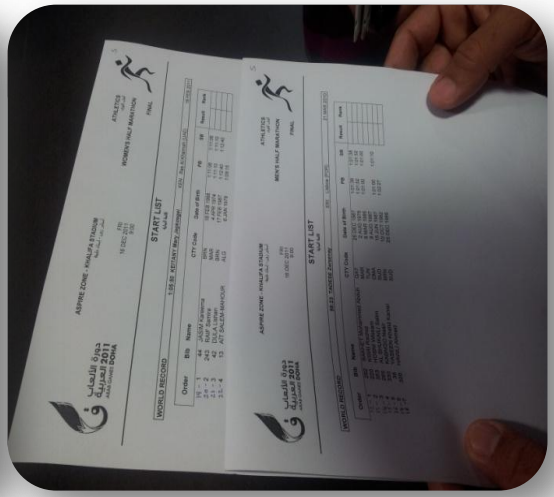
Data Entry

- Data can be entered:
  - Manually by operators
  - Automatically from a Scoring Device
- Data Entry posts located at the field of play at the venue.
- Close collaboration with Federations which confirm accuracy of the data

PDF & HTML Generation and Printouts

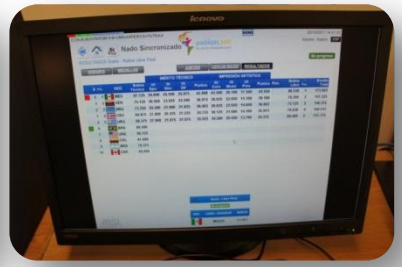






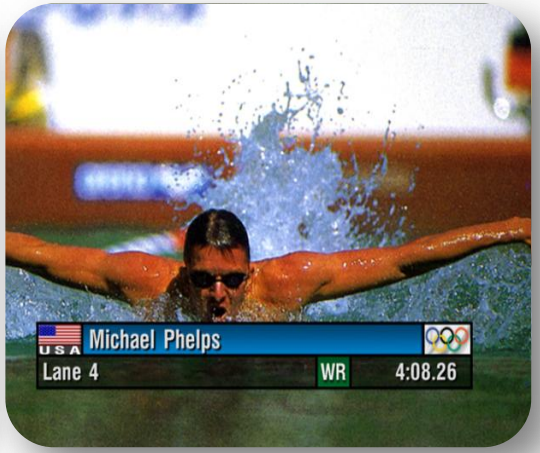
- Collect all competition formats & rules from TD within September Y2014.
- Generates all the necessary documentation in PDF or HTML format for distributing to other clients
- Printouts available both in a printable PDF format and as an HTML which can be hung on the results area of their designated web page
- Printouts are homogeneous among all the sports
- TD will approve on the printouts before distribute to public.

Commentator Information System (CIS)



- Provides the commentator with comprehensive and personalized information
  - Status of competition
  - Live results
  - Ranking and records information
  - Standings and medals
  - Access to biographical information
- Local Commentator Information System Control Station (at each venue)
  - Receives the CIS message
  - Presents the message in CIS workstations

TV Graphics



- Graphic Design
  - Games logo, sports logos, team flags or logos, backgrounds, letter typefaces and layouts for the different TV screens
- Highlights
- Live TV
- AGILE – Video Character Generator

INFO

Competition Schedule

ASIAN BEACH GAMES PHUKET 2014 Thailand

Over-all Competition Schedule
14 - 23 November 2014 in Phuket, Thailand
(as of 5 August 2014)

No.	Sports	Code	Day	No. of Events	November														Medals			
					10	11	12	13	14	15	16	17	18	19	20	21	22	23	G	S	B	Total
	Opening Ceremony																					
	Chaofa Mine																					
1	Air Sport						☀	☾														
	Paragliding	AGP	8	4												4			4	4	4	12
	Power Paragliding	APP	8	4												4			4	4	4	12
	Karon Beach																					
2	Aquatics																					
	Beach Water Polo	ABW	5	1								★					1		1	1	1	3
	Marathon Swimming	AMS	2	4					★	2	R	2							4	4	4	12
3	Beach Basketball	BBK	4	2					★				2						2	2	2	6
4	Beach Handball	HBH	8	2				☀	☾								2		2	2	2	6
5	Beach Volleyball	VBB	8	2					☀	☾								2	2	2	2	6
6	Bodybuilding	BO	2	6									☀	☾			6		6	6	6	18
7	Sailing								☀	☾												
	Sailing	SA	4	5									R		5				5	5	5	15
	Windsurfing	SWS	4	4									R		4				4	4	4	12
8	Sambo	SB	2	7		★	6	1											7	7	14	28
9	Squash	SQ	5	2	★				R		2								2	2	4	8
10	Woodball	WO	6	8				★						8					8	8	12	28

Central Result System (CRS)

OFFICIAL
LIST
DISTRIBUTION

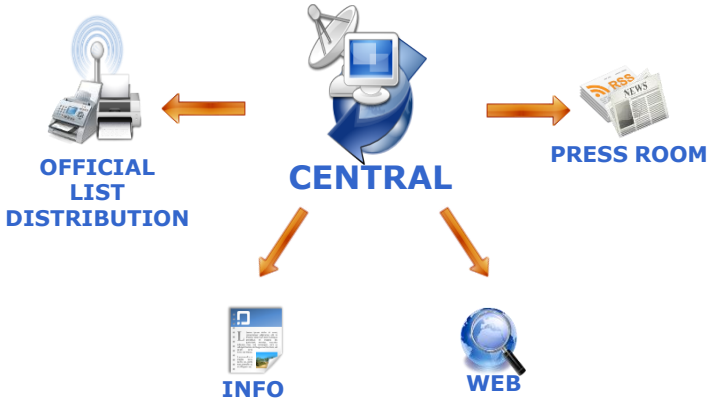
CENTRAL

PRESS ROOM

INFO

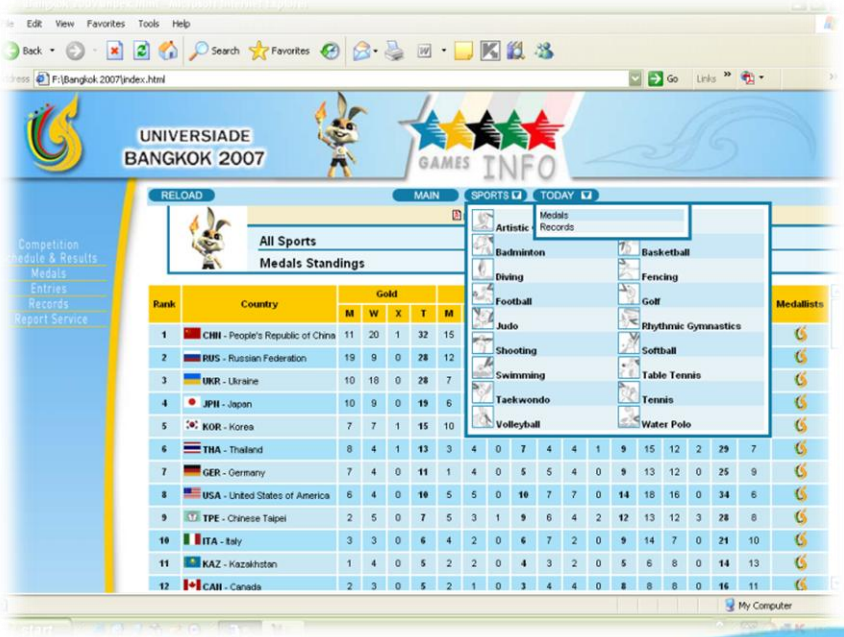
WEB

Central Result System (CRS)



- Centralizing the results
  - Gathers all the competition results taking place in each venue and sends the information live to the different customers (web page Internet feed…)
- Competitors Download
- Data Feed Manager
  - Updates and consolidates in real time the Central Results Data Base (CRDB)
  - Analyzes all the data and processes all the information
  - Generates and updates the information for the INFO or INTERNET Services.

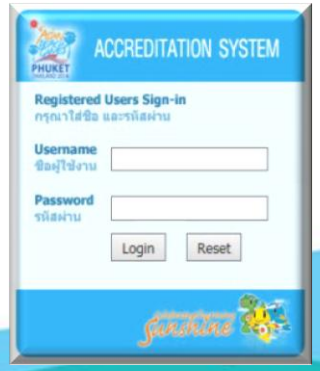
Integration of Results to Information System



- Games' relevant information (schedules, results, city information, weather conditions, etc.) in real time
- Works in both private network & Internet.
- Internet/INFO complete live results and full navigation area to be inserted in the Games official web sites.
- The pages generated for the Internet always follow the ORIS specifications and the event "Look and Feel."

Athletes Accreditation Process

Responsible Organization: (NOC)

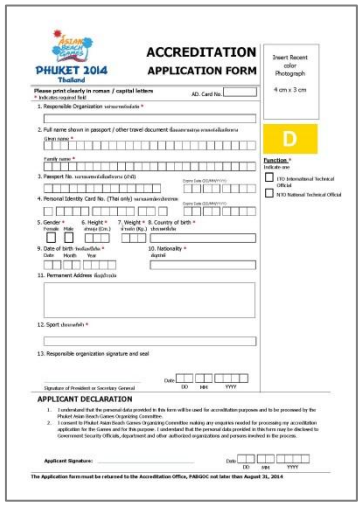


Approved Application Form

Family List

Accreditation System

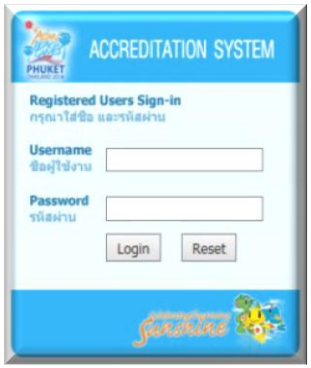
Technical Officials Accreditation Procedure



Fill in by Technical Officer

Technical Committee

Collect & Delivery



Entry by Accreditation Dept.

Pre-Valid AD Card

Technical Committee

Technical Officer

4th ASIAN BEACH GAMES
PHUKET 2014
Thailand

TIMING & SCORING SYSTEM

PRECIOUS TIME TRADING

3rd System

SCOPE OF SERVICES

TARTLIS

RESULT

TIMING&SCORING SYSTEM

SCOREBOARD

RESULT

LED DISPLAY BOARD

SCOPE OF SERVICES

TIMING EQUIPMENT

- Global standard Timing equipment for every sport.

DISPLAY SYSTEM

- We provide an electronic Scoreboard or LED display outdoor for every sport.

REPORT SYSTEM

- Real-time communicate with report system for sending the result to reporting system for TV broadcasting system.

TIMING EQUIPMENT

PRECIOUS TIME TRADING

SAMPLE TIMING EQUIPMENT

ALGE Photo-Finish System

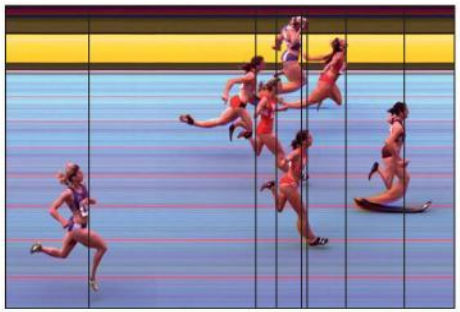
One of the most famous photo-finish camera in t

The **ALGE OPTIc2n** is the next generation of the successful photofinish system OPTIc. The camera uses the latest CCD line scanning sensor technology. This allows using the camera even at bad light conditions. High recording speed with up to 3000 lines per second and high resolution of up to 1360 pixel.

The OPTIc2n is a computerized color photofinish system with integrated evaluation software. The color line scanning camera scans every movement at the finish line in true color (24 bit, 16.8 million colors) and stores the data on the hard disk of the computer. The stored picture can be displayed on the monitor or can be printed at any time.

For which sports is the OPTIc2n sensible?

- Track and Field
- Cycling
- Horse Races
- Greyhound Races
- Cross Country
- Biathlon
- Rowing
- Canoeing
- Short Track
- Inline Skating
- Motor Sport
- any sport as backup



SAMPLE TIMING EQUIPMENT

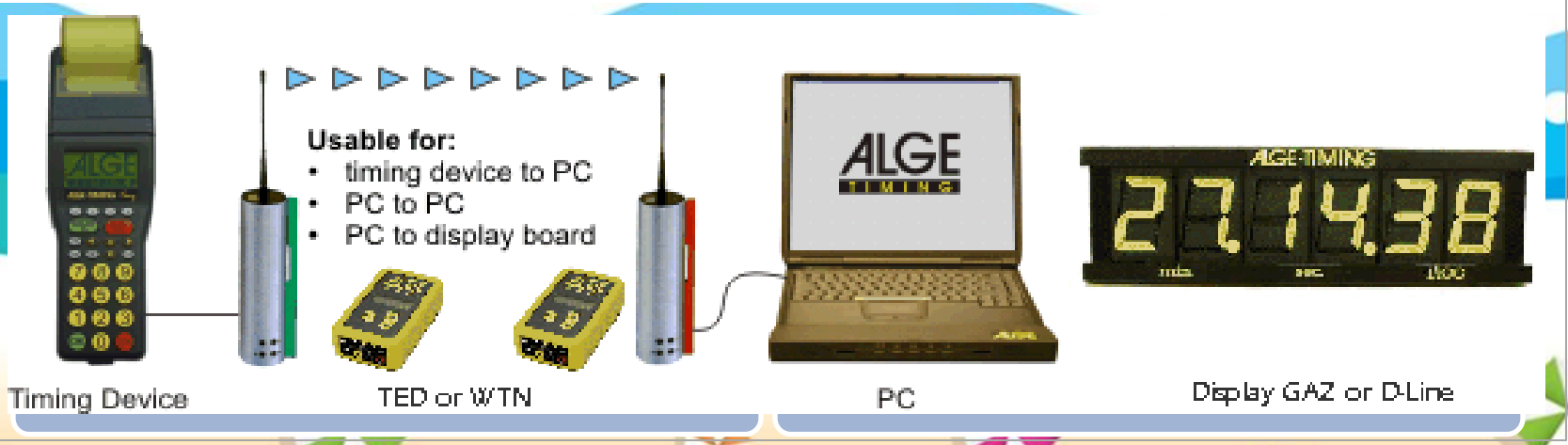
ALGE Timing Device

Timer device that provide extremely accurate tim

Timy

A handy timing device and terminal that meets all expectations. Different models available:
Timy XE (without printer) or Timy PXE (with printer):

- highest accuracy due to a temperature compensated quartz oscillator
- graphic display with 128 x 64 pixel and best visibility with back light
- easy to handle silicon keyboard
- integrated thermal printer (model PXE)
- universal software and large memory
- RS 232-, RS 485-, USB-, and display board interface
- 9 timing channels (extension is possible of up to 99 channels)
- FLASH Memory, software update by internet possible
- usable from –20 to 55°C (-4° to 131° F) without additional heating



SAMPLE TIMING EQUIPMENT

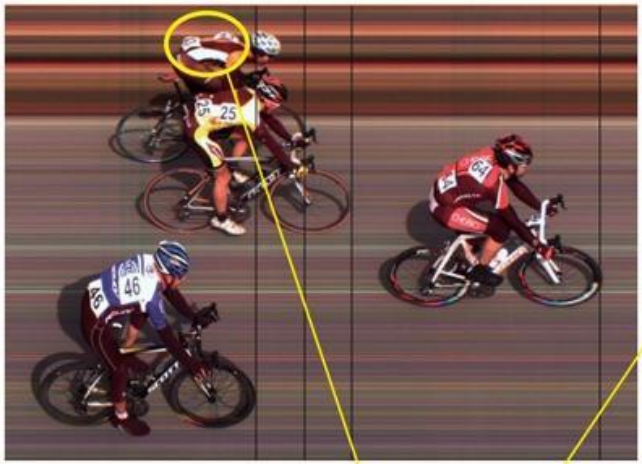
ALGE Timing Device

Timer device that provide extremely accurate tim

ALGE IDCam is the ideal supplement to the photofinish OPTIc2. With the IDCam you can control the finish arrival and read the ID-numbers of the finish arrivals in case they are unrecognizeable.
The example below shows a finish arrival of a cycling race. In the photofinish picture you cannot read the numbers of all finish arrivals, but together with the IDCam the evaluation of the ID-numbers is no problem and you can do it independent form any finish judge protocol.

With the recorded pictures you can verify the finish arrival. It allows you to correct missing times or start numbers (bib).

The IDCam is an ideal addition to any timing system of ALGE-TIMING.



Picture to the left: Photofinish picture of OPTIc2
Picture above: IDCam arrival picture (complete picture)
Picture below: IDCam arrival picture (zoom)

ID-number 43 is not readable in the photofinish picture, but in the picture of the IDCam it is readable as ID-number 43!

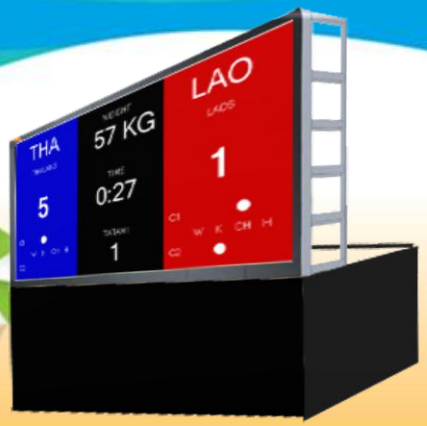
Beach Athletics (Backup)

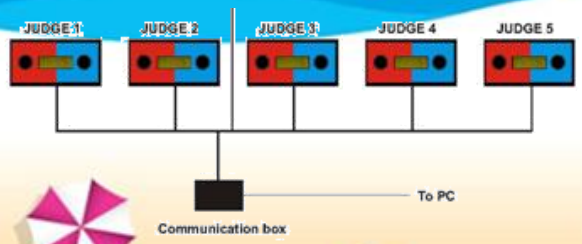
SAMPLE TIMING EQUIPMENT

ALGE ELECTRONIC SCOREBOARD

Electronic scoreboard for martial arts sport

Beach Wrestling	Kurach	WaterSki
Beach Kabaddi	Body Building	Air Sport
Beach Petanque	Woodball	Beach Waterpolo
Beach Sepak-Takraw	Sailing/Windsurfing	Extreme Sport
Foot Volley	Sport Climbing	Muythai





SAMPLE TIMING EQUIPMENT

BODET SCORING SYSTEM

The scoreboard system that get certificate ~~of FIBA and FIFA was certified to use in~~ ~~W~~ ~~ournament.~~

- Beach Handball
- Beach Basketball
- Beach Handball
- Beach Soccer
- Beach Flag Football

Multisport Management Display

Basketball Handball Volley-ball Tennis Table Tennis Badminton Netball Ice hockey Floorball Futsal Cricket

Bodet afaq ISO 9001 ISO 14001 Qualité Environnement

FFHANDBALL FIBA FFBB

SAMPLE TIMING EQUIPMENT

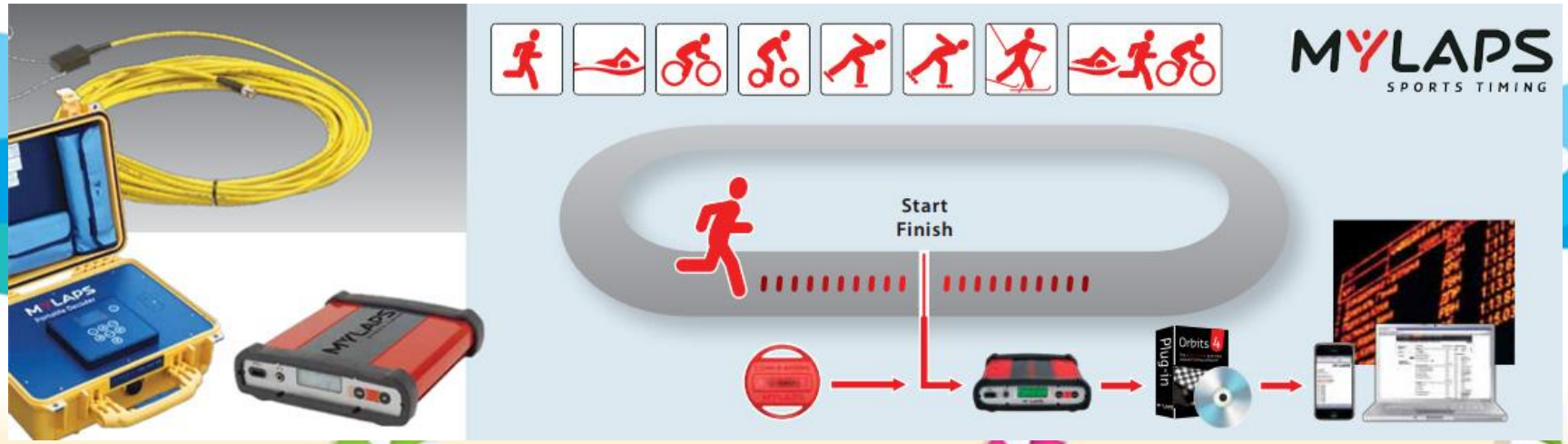
My Laps TIMING SYSTEM : Transponder

THE CHAMPIONCHIP SYSTEM COMPLETELY REJUVENATED THE ATHLETICS WORLD.

ChampionChip Timing system.

The most famous transponder timing system in the world.

We invented automatic sports timing. Thousands of events that previously used stopwatches and thumbs to keep track of results now rely on MYLAPS technology.



SAMPLE TIMING EQUIPMENT

INNOVATIVE TIMING SYSTEM : Transponder

THE ABSOLUTE LEADER IN RACE TIMING TECHNOLOGY.

Jaguar Reads Accurately at Extremely High Densities

The Most Powerful System Available

Jaguar is the only timing system that has 100% read redundancy combined with real-time triangulation technology for unmatched accuracy. Our systems provide overhead antennas that actively ‘look’ for chips, engage the chip and follow that athlete'

DISPLAY BOARD SYSTEM

PRECIOUS TIME TRADING: LED FULL COLOR

LED Outdoor Virtual LED Display.

Outdoor LED Display.

External Source

DVD/CD Player

TV Tuner

TV Broadcasting

3rd Party Media System

PTT DISPLAY

LED Display Controller

VDO Processor +Sending System

LED DISPLAY BOARD

Fiber Optic/CAT5

- **Hi-Quality LED Lamp.**
- **UV protection**
- **fireproof.**
- **IP65 (Front) and IP54 (Back)**

TIMER DISPLAY

ALGE: Multifunctional Display GAZ-4 and D-LINE

Display Board GAZ4

Information for the audience, figure height 15, 25 or 45 cm in bright yellow on black background

- ALGE timing devices can show the time or ID and/or number/rank
- internal clock with stop function and internal countdown with timeout function
- control by any device with RS 232 interface and ALGE-format (e.g. PC)
- best readability even at direct sunlight
- mains or battery operated, low energy consumption
- weatherproof solid aluminium case

The ALGE D-LINE series is a very versatile numeric display board. It is possible to control it directly from ALGE timing devices as well as from other devices by RS 232 interface.

ALGE offers models for indoor and outdoor. The difference lies mainly in the type of LED used. For outdoor purposes the LED must be a lot brighter especially if the sun shines directly on the board.

OUR EXPERIENCES

PRECIOUS TIME TRADING

Project Reference

THANK YOU

PRECIOUS TIME TRADING