FIBA

We Are Basketball

STANDARD QUALITY

GLOBAL CONNECTION

FIBA

We Are Basketball

ER1C FIBA SCOUTING CONCEPT

NATIONAL INSTRUCTORS' CLINIC 2015

WORKSHOP AGENDA

- Objectives of the session
- Introduction to Scouting
- ER1C FIBA Foundations
- The value of image
- ER1C Analysis & Reporting Tool
- Next Milestones
- ER1C Sports proposal

OBJECTIVES OF THE SESSION

- Basic knowledge of scouting
- Presentation of FIBA tools and plans
- Show current state of sport technology
- Detailed introduction to ER1C FIBA
- Current and future possibilities

INTRODUCTION

- ER1C Sports, LTD group 1d3a, S.L.
- HQ in Barcelona
- 8 years in the market
- 28 Sports
- National tournaments, European Championships, World Championships and Olympic Games.

INTRODUCTION TO SCOUTING

- Coding of sport activity
- Categories and concepts
- Objective and Subjective
- Quantity and Quality
- Manual and Automatic
- Is all about criteria

ER1C FIBA FOUNDATIONS

Homogeneous criteria

Rich concepts

Multimedia

Interactive

Centralized

Accessible

Productive

Extensible

Easy to use and consume

THE VALUE OF IMAGE

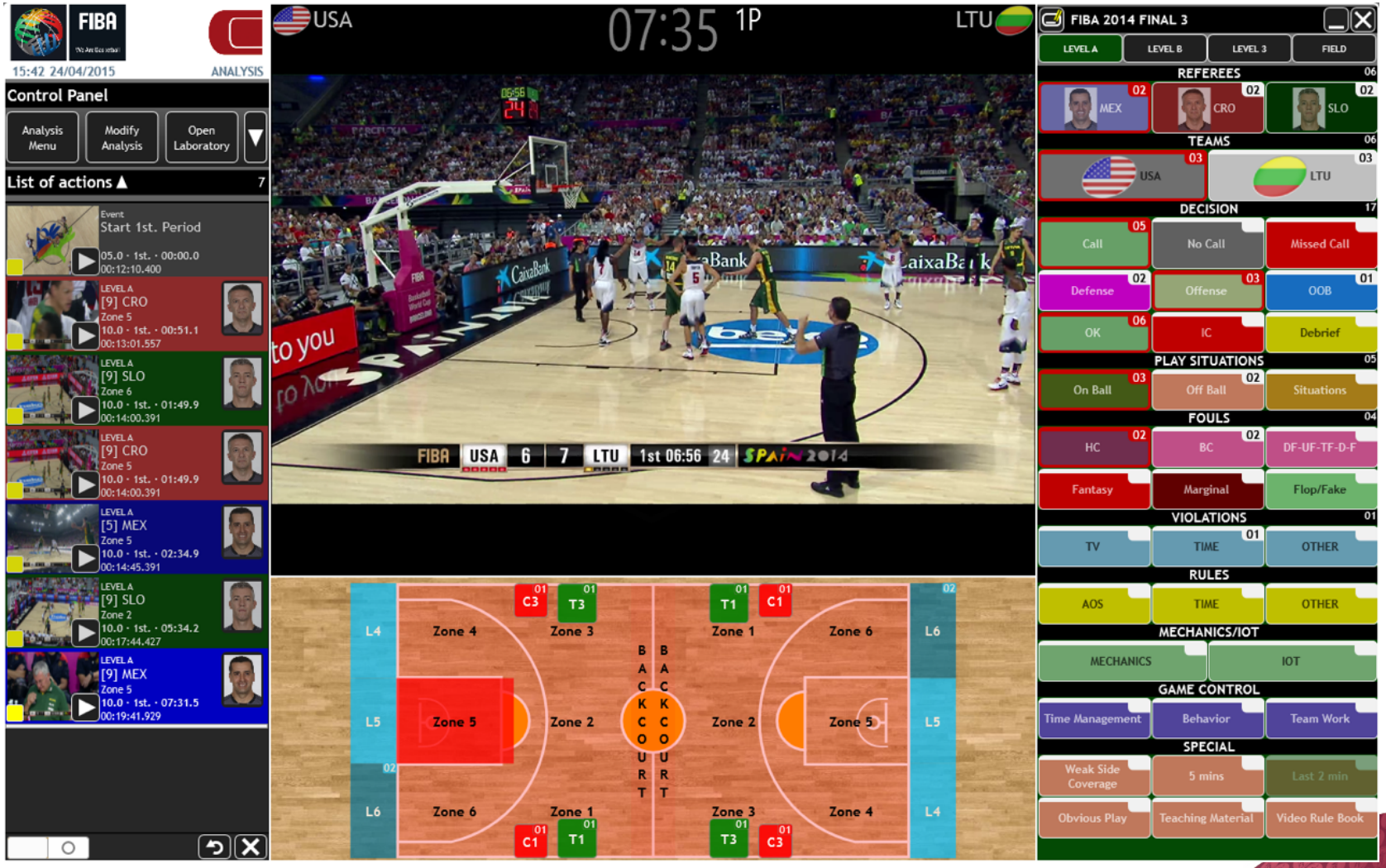
THE VALUE OF IMAGE

- The video as basis of categorization
- Can be revised with different criteria
- Multiple points of view
- The context as a concept
- Content for rules and teaching

ER1C ANALYSIS & REPORTING TOOL

- Touchable full screen graphic interface
- Multilanguage
- Easy to use
- Highest productivity with less technical knowledge
- Direct support of all video formats
- Multi source and multi angle video
- Rich real time statistics
- Powerful filters and queries

ER1C ANALYSIS & REPORTING TOOL

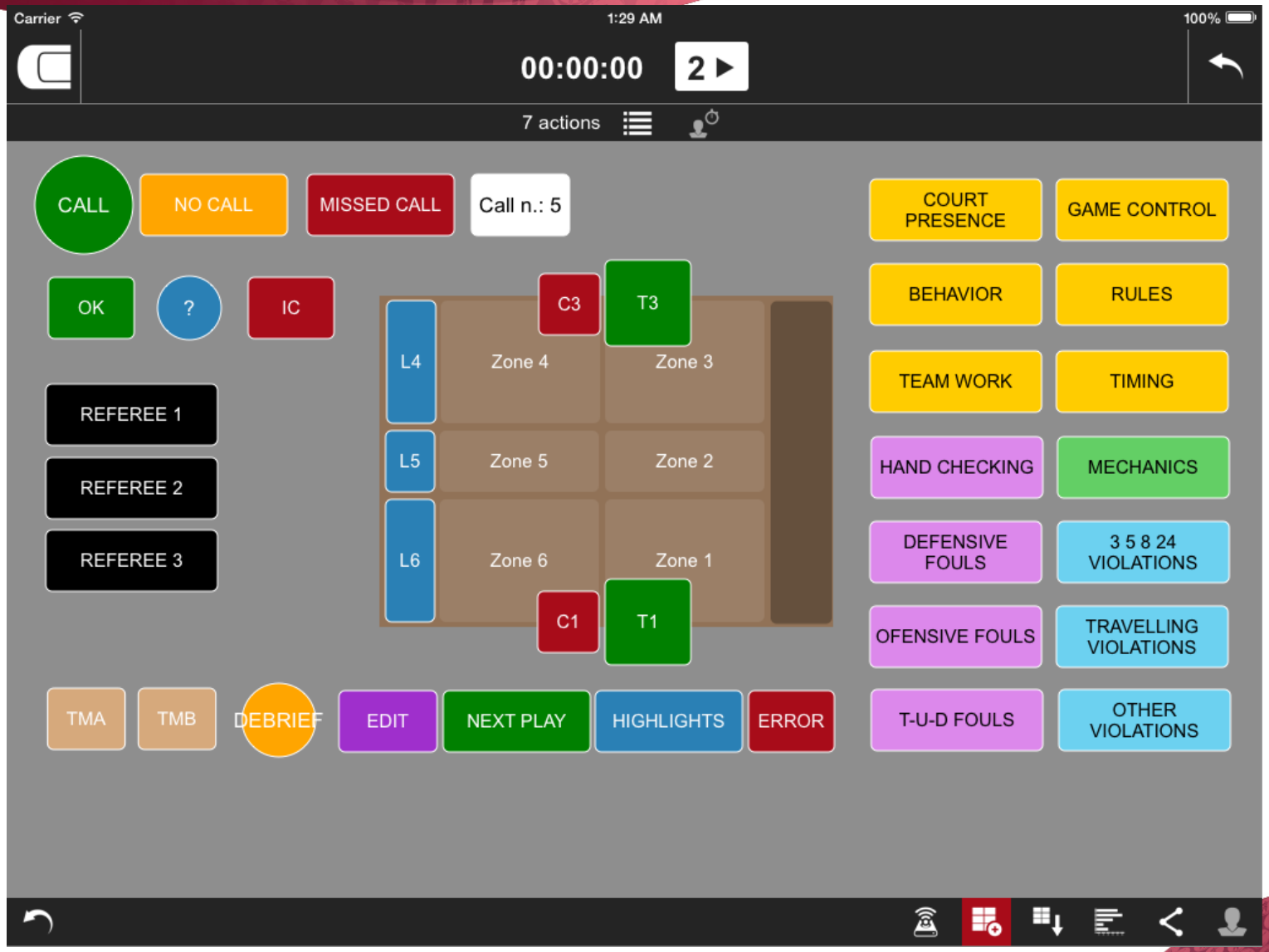


ER1C ANALYSIS & REPORTING TOOL

- Import / Export data merged with video
- Multiple metadata sources (game stats, biometrics, tracking, …)
- PowerPoint©/Keynote© like reports
- Drawing, zoom, slow motion over video
- Complete set of Slide Templates (chapter, video, image, draws, referee file, stats, …)
- Cloud services for sharing and centralize all media and metadata
- Mobile services for real time tagging

ER1C ANALYSIS & REPORTING TOOL

ER1C CLOUD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1:29 AM
100%
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2
7 actions
CALL
NO CALL
MISSED CALL
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REFEREE 1
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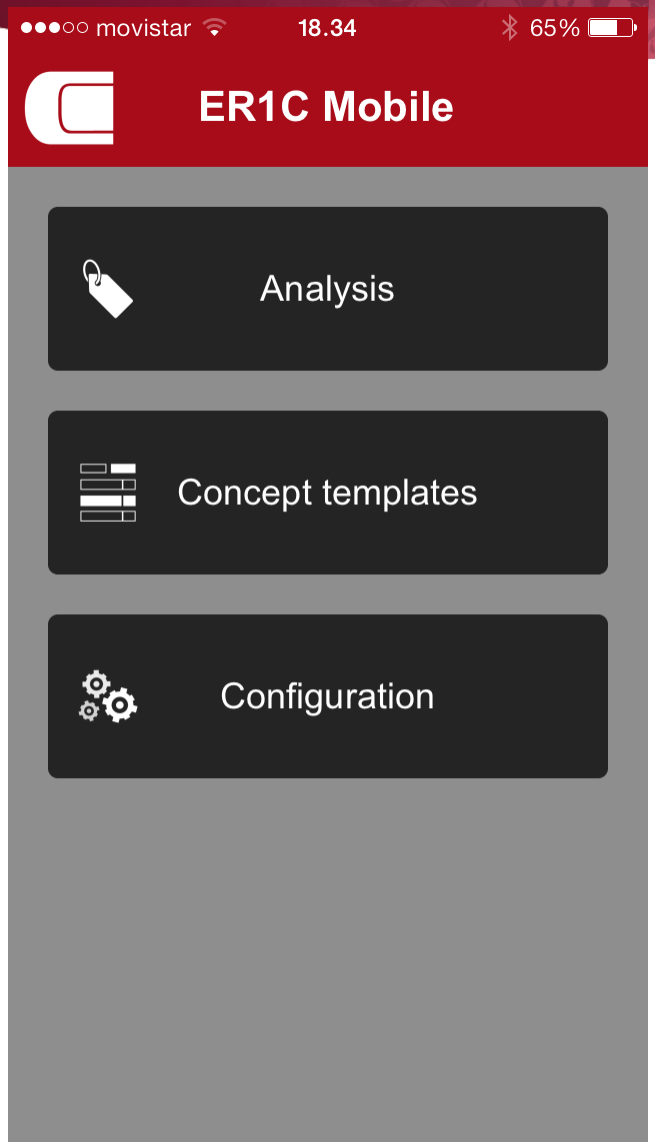
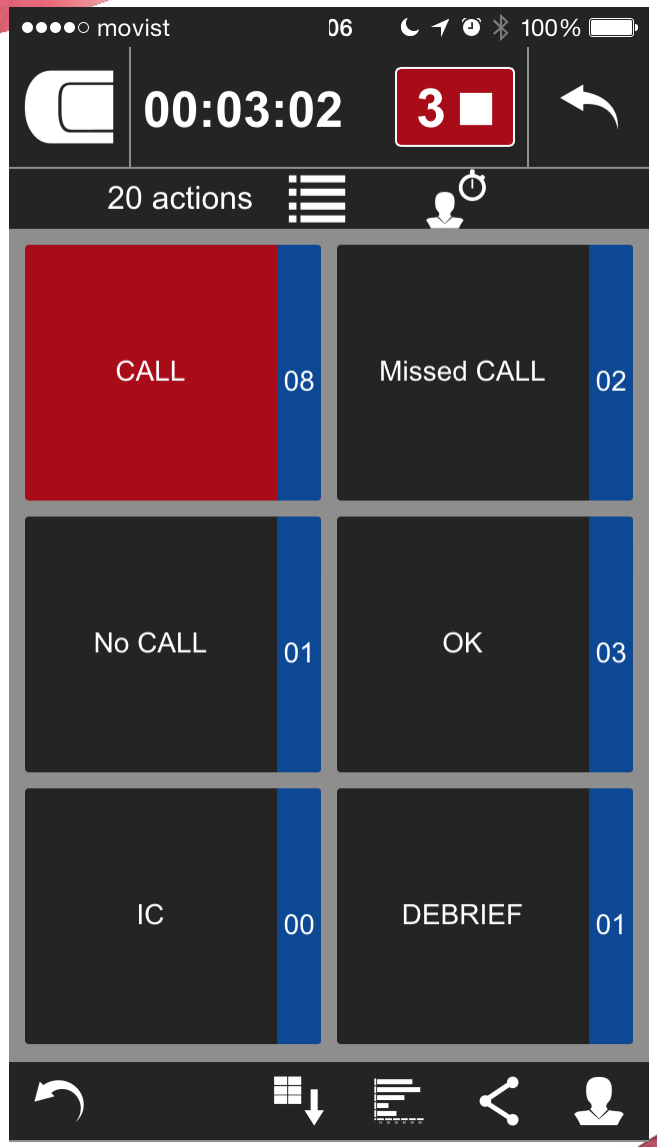
Zone 5
Zone 2
L6
Zone 6
Zone 1
C1
T1
TMA
TMB
DEBRIEF
EDIT
NEXT PLAY
HIGHLIGHTS
ERROR
COURT PRESENCE
GAME CONTROL
BEHAVIOR
RULES
TEAM WORK
TIMING
HAND CHECKING
MECHANICS
DEFENSIVE FOULS
3 5 8 24 VIOLATIONS
OFENSIVE FOULS
TRAVELLING VIOLATIONS
T-U-D FOULS
OTHER VIOLATIONS

ER1C MOBILE


movistar
18.34
65%
ER1C Mobile
Analysis
Concept templates
Configuration


movist
06
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3
20 actions
CALL
08
Missed CALL
02
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01
OK
03
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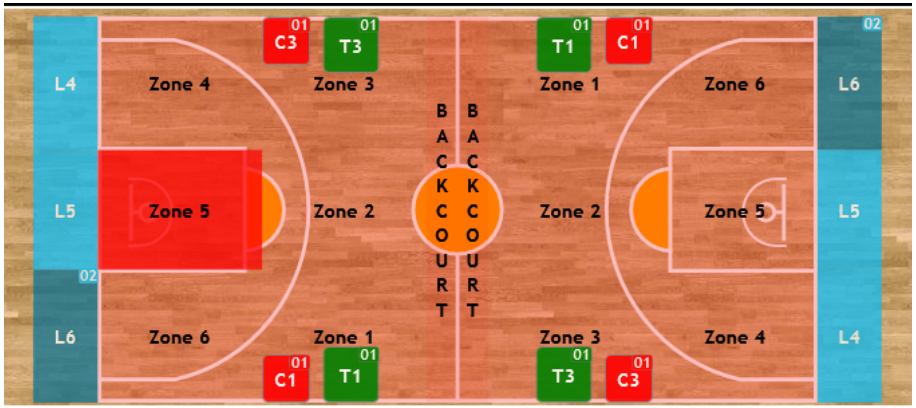
DEBRIEF
01

CONCEPT TEMPLATES & GAME CODING

- The key of coding are in the concepts and categories
- No value without criteria
- Quantity and quality
- Enrichment by layers



REFEREEING STATISTICS

- Real time information
- Grouping by concepts
  - Position
  - Period
  - Zone
  - Type
- Is not opinion – Are Facts
- Trends and habits
- Evaluation and metrics

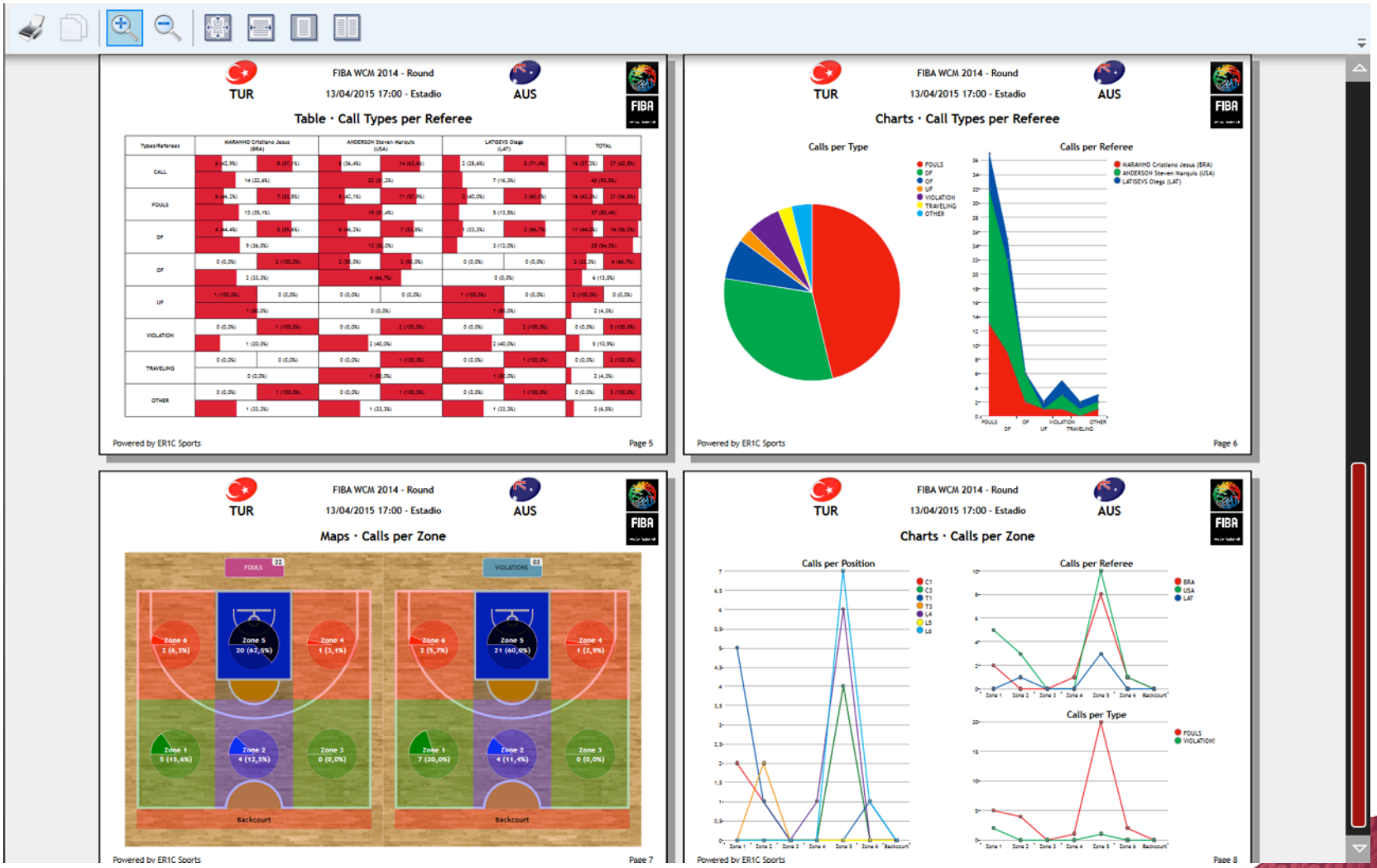
GAME STATISTICS

AFTER GAME BRIEFING

- Selection of the key actions
- Preparation of a Video Report
- Presentation of refereeing statistics
- Interactive presentation and comments with referees in locker room
  - Slow motion, zoom and drawing over video
- Immediate correction and enforcement for next actuations

AFTER GAME BRIEFING

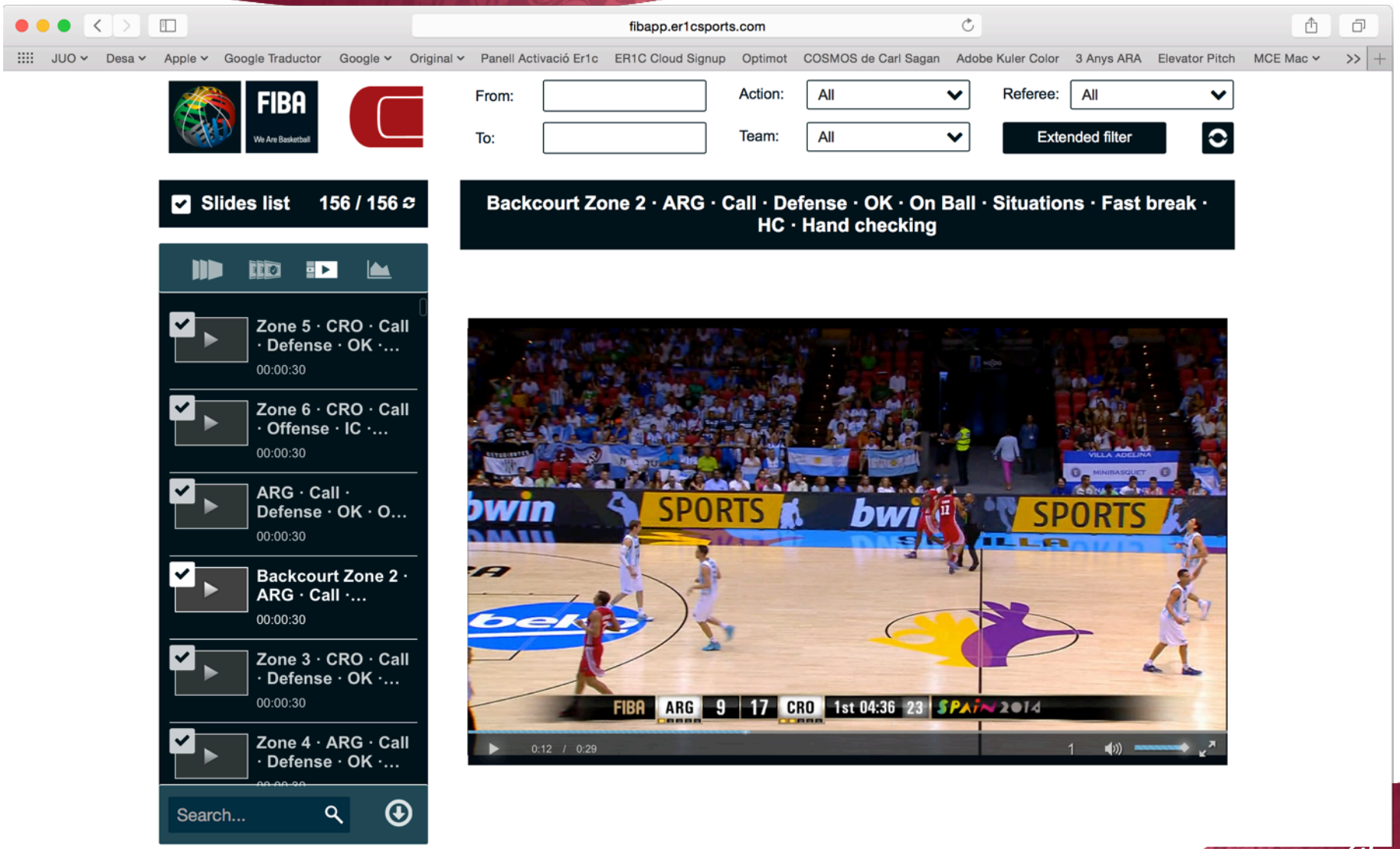
AFTER GAME BRIEFING



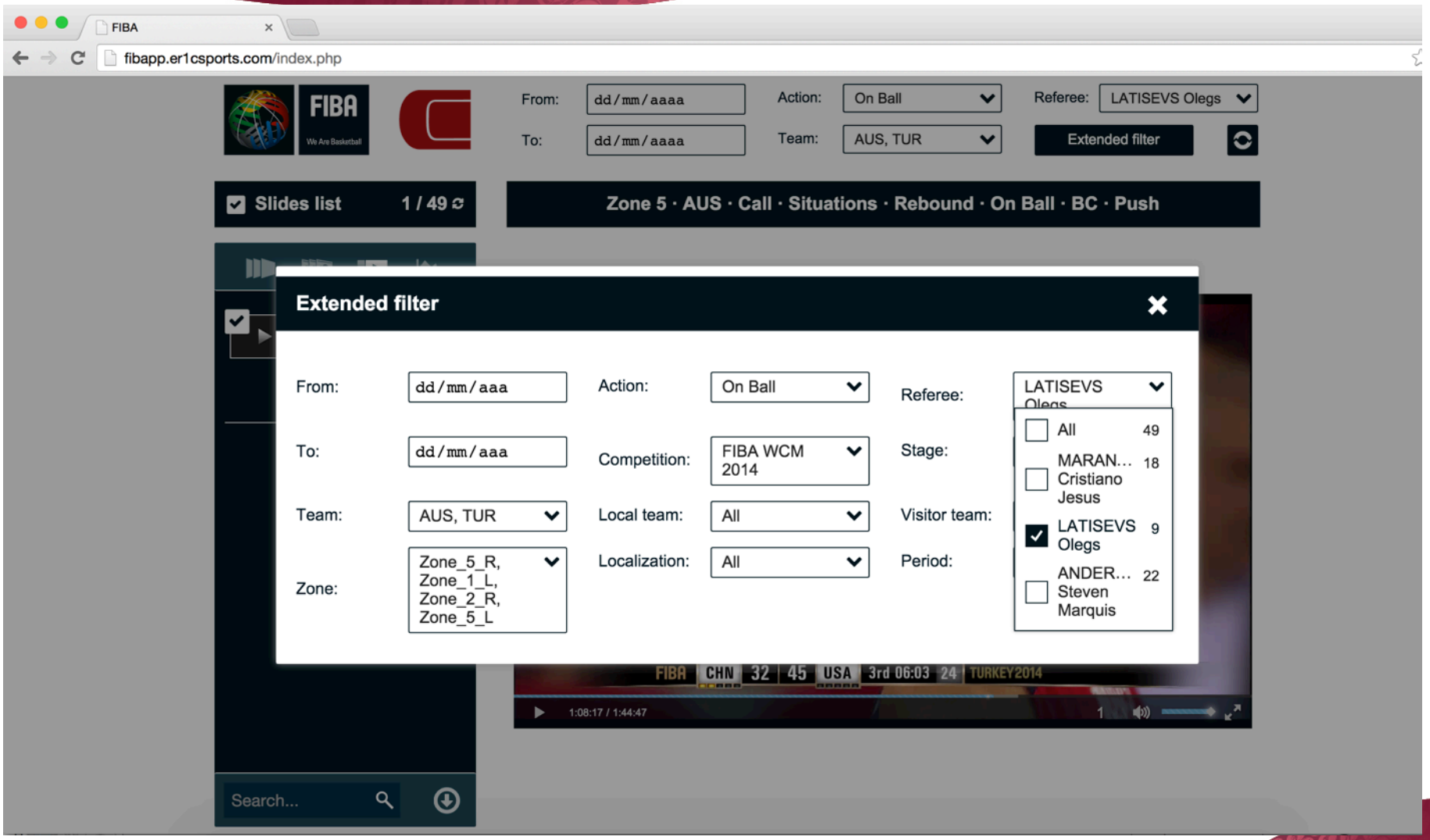
DATABASE AND BIG DATA

- All calls with all attributes are published in a central database
- Each concept is likely to be searched
  - Championship
  - Referee
  - Type of call or specific infraction
  - Position and zone
- Data can be presented and compared in tables and charts

DATABASE AND BIG DATA

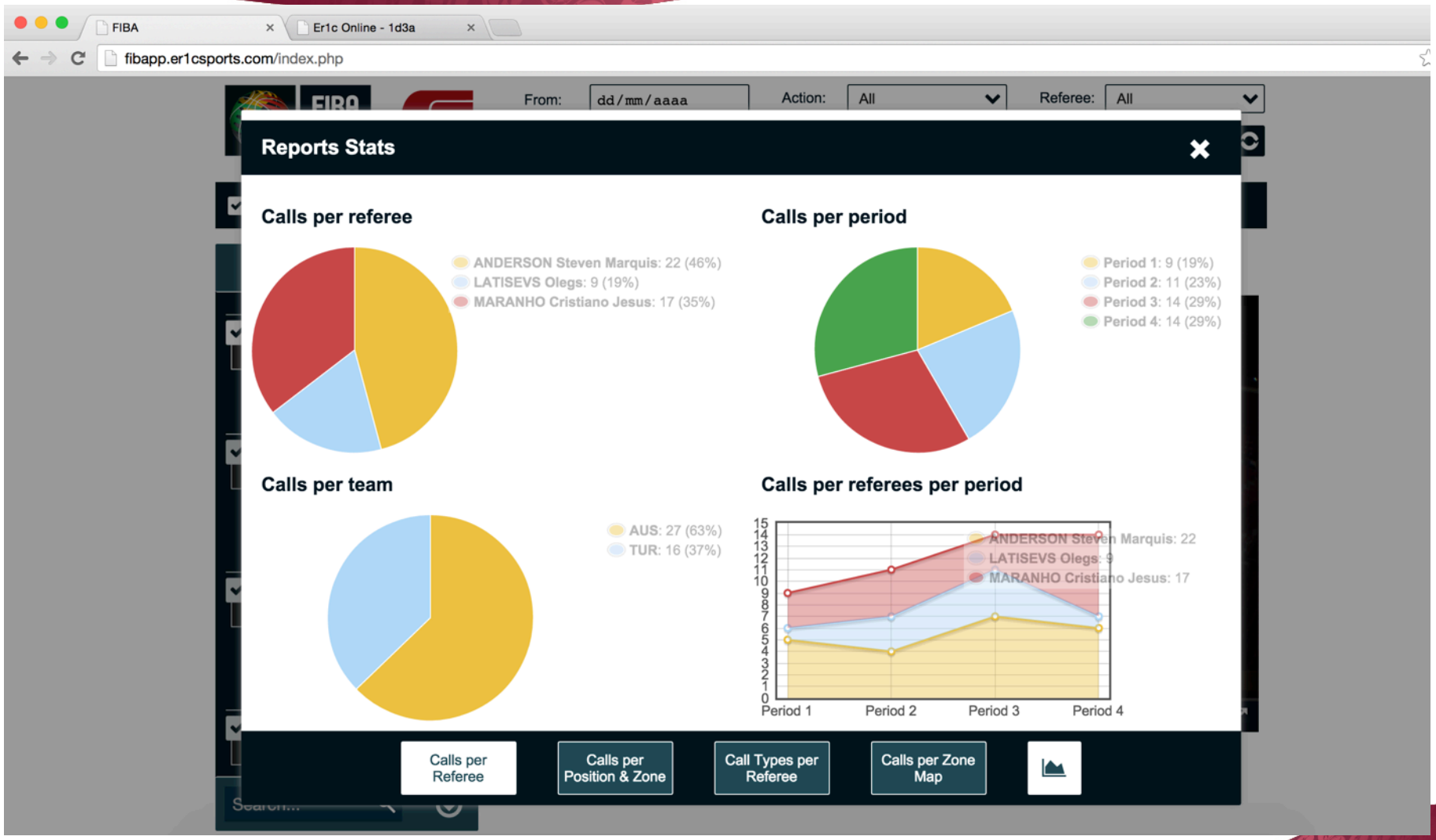


DATABASE AND BIG DATA



Demo time

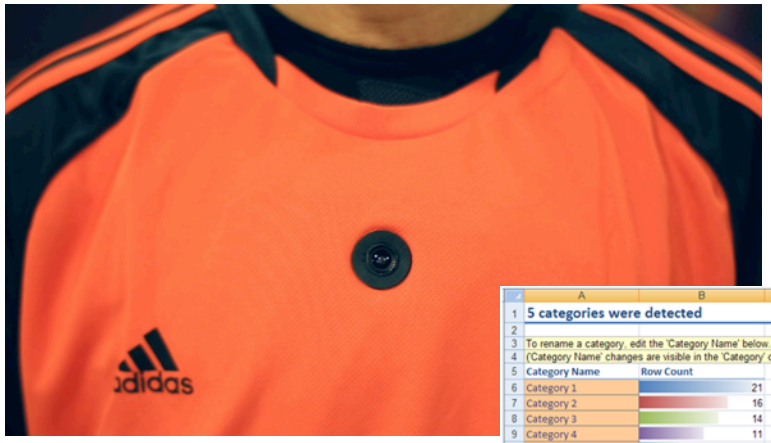
DATABASE AND BIG DATA

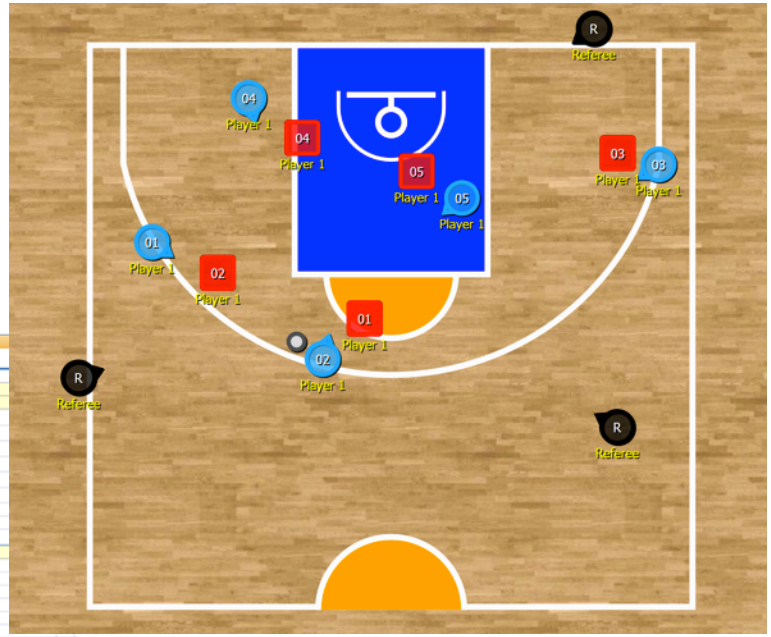


NEXT MILESTONES

- Integration with external sources:
  - Game statistics and Table data
  - Biometrics (Heart rate, O_2 in blood, …)
  - Tracking
  - IRS
- Data Mining
- Subjective cameras
- Any suggestion?

NEXT MILESTONES





5 categories were detected

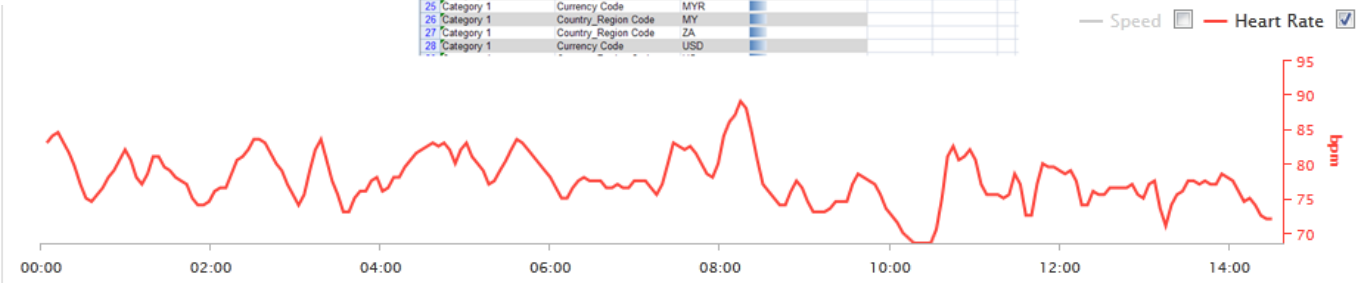
To rename a category, edit the 'Category Name' below.
('Category Name' changes are visible in the 'Category' column of the source Excel table)

Category Name	Row Count
Category 1	21
Category 2	16
Category 3	14
Category 4	11
Category 5	6

Category Characteristics

Filter the table by 'Category' to see the characteristics of different categories

Category	Column	Value	Relative Importance
Category 1	Gen_ Bus_ Posting Group	EXPORT	
Category 1	VAT Bus_ Posting Group	IMPEXP	
Category 1	Customer Posting Group	BUITENLAND	
Category 1	Fin_ Charge Terms Code	2.0 BUIT.	
Category 1	Reminder Terms Code	BUITENLAND	
Category 1	Language Code	ENU	
Category 1	Salesperson Code	HD	
Category 1	Location Code	GEEL	
Category 1	Currency Code	ZAR	
Category 1	Currency Code	MYR	
Category 1	Country_Region Code	MY	
Category 1	Country_Region Code	ZA	
Category 1	Currency Code	USD	



ER1C SPORTS PROPOSAL

- ER1C Cloud, Start & Coach (1 user)
- ER1C FIBA Start Pack (2 users)
- ER1C FIBA Progress Pack (2 users)
- ER1C FIBA Workgroup Pack (4 users)
- From 248 € to 5.090 € (+ VAT)
- Yearly licenses
- 12 hours of practical training
- Mail support with remote access
- Product updates

STANDARD QUALITY

GLOBAL CONNECTION

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