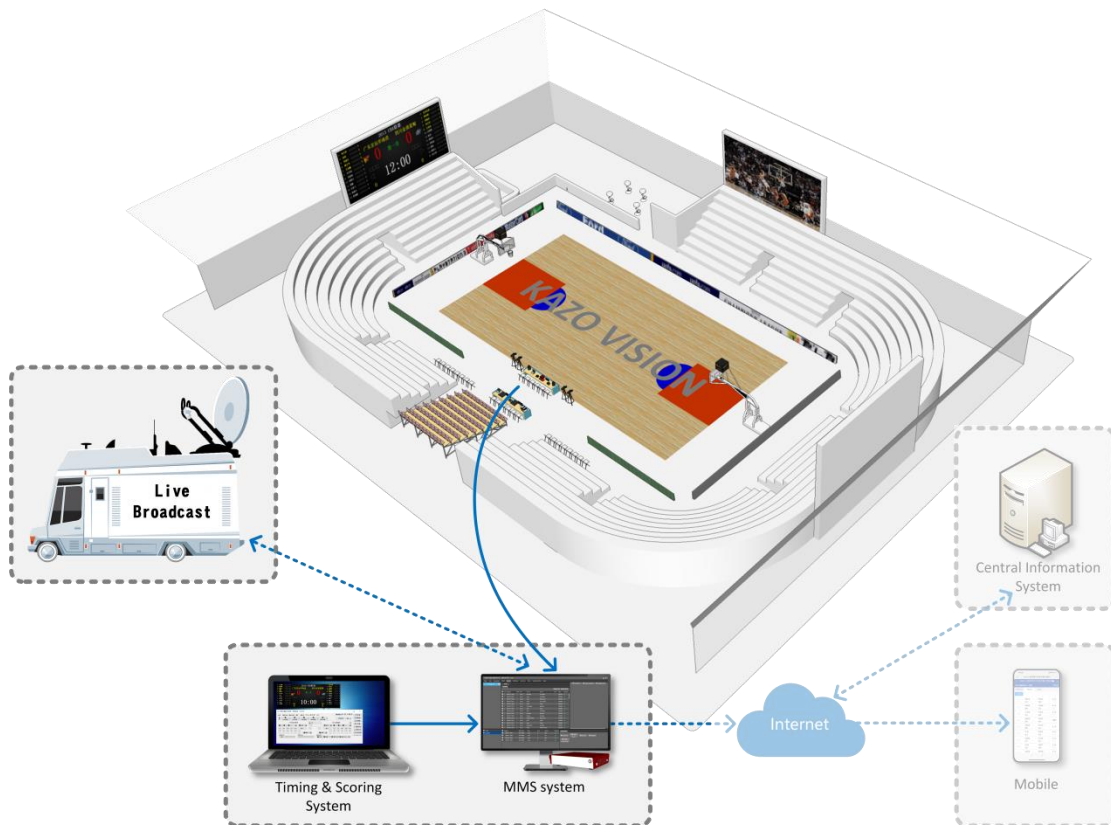


# MMS Public Interface (Gymnastics)

## 1. Brief

This document describes the PUBLIC interface of MMS system. This interface is for all the 3<sup>rd</sup> party system query the match schedule and result in the LAN of the stadium/arena.



## 2. Interface

<http://192.168.0.230/public/>

### 2.1 Query Fixtures

[http://192.168.0.230/public/?m=query\\_fixtures&competitioncode=GAR](http://192.168.0.230/public/?m=query_fixtures&competitioncode=GAR)

#### Parameters

Name	Description	Optional	Example
m	Name of method		query_fixtures
competitioncode	Competition Code	Y	GAR
eventcode	Event Code	Y	WINDIV
phasecode	Phase Code	Y	FNL
date	Contest Date	Y	1=First day 2=Second day
datatype		Y	xml / json

#### Response data in XML:

```
<document>
  <competitions>
    <competition id="" code="" name="" date="">
      <event id="" code="" name="">
        <phase id="" name="" type="" code="" order="" result_status=""/>
      </event>
    </competition>
  </competitions>
</document>
```

#### Data description:

document.competitions.competition	
id	Competition ID
code	Competition Code. Ex: GAR
name	Competition Name. Ex: Artistic Gymnastics
date	Competition Date
document.competitions.competition.event	
id	Event ID
code	
name	Event Name
document.competitions.competition.event.phase	
id	Phase ID

code	
type	Phase Type <b>QUAL</b> = Qualification <b>PREL</b> = Preliminary <b>FNL</b> = Final
order	
result_status	Result status <b>PENDING</b> = Pending <b>ON_THE_MATCH</b> = On the Match <b>UNOFFICIAL</b> = Unofficial <b>OFFICIAL</b> = Official

## 2.2 Query Start List

[http://192.168.0.230/public/?m=query\\_startlist&competitioncode=GAR](http://192.168.0.230/public/?m=query_startlist&competitioncode=GAR)

### Parameters

Name	Description	Optional	Example
m	Name of method		query_startlist
competitioncode	Competition Code	Y	GAR
eventcode	Event Code	Y	WINDIV
phasecode	Phase Code	Y	FNL
date	Contest Date	Y	1=First day 2=Second day
datatype		Y	xml / json

### Response data in XML:

```
<document>
  <competitions>
    <competition id="" code="" name="" date="">
      <event id="" code="" name="">
        <phase id="" code="" order="" name="" type="" result_status="">
          <officials>
            <officialdispatch id="" functiontype="" updatetime="">
              <official id="" code="" name="" updatetime=""/>
            </officialdispatch>
          </officials>
          <contest id="" name="" order="" leveltitle="" start_date="" start_time="" group=""
result_status="">
            <competitor id="" code="" name="" lots="" photo_url="" updatetime="">
              <competitorathlete id="" code="" number="" updatetime="">
                <athlete id="" code="" name="" updatetime="">
```

```

        <organization id="" code="" name="" updatetime="" />
    </athlete>
</competitorathlete>
</competitor>
</contest>
</phase>
</event>
</competition>
</competitions>
</document>

```

**Data description:**

<b>document.competitions.competition</b>	
id	Competition ID
code	Competition Code. Ex: GAR
name	Competition Name. Ex: Artistic Gymnastics
date	Competition Date
<b>document.competitions.competition.event</b>	
id	Event ID
code	
name	Event Name
<b>document.competitions.competition.event.phase</b>	
id	Phase ID
code	
type	Phase Type <b>QUAL</b> = Qualification <b>PREL</b> = Preliminary <b>FNL</b> = Final
order	
result_status	Result status <b>PENDING</b> = Pending <b>ON_THE_MATCH</b> = On the Match <b>UNOFFICIAL</b> = Unofficial <b>OFFICIAL</b> = Official
<b>document.competitions.competition.event.phase.officials</b>	
<b>document.competitions.competition.event.phase.officials.officialdispatch</b>	
id	
functiontype	
updatetime	
<b>document.competitions.competition.event.phase.officials.officialdispatch.official</b>	
id	
code	
name	

updatetime	
<b>document.competitions.competition.event.phase.contest</b>	
id	Contest ID
code	
order	Order of the contest
name	The match name. Ex: 1
court	The court that the game will be hold
start_date	
start_time	
group	For "Group Stage", it will be used for indicate "Group A" or "Group B"
irm	Invalid result mark
result_status	Result status <b>PENDING</b> = Pending <b>ON_THE_MATCH</b> = On the Match <b>UNOFFICIAL</b> = Unofficial <b>OFFICIAL</b> = Official
<b>document.competitions.competition.event.phase.contest.competitor</b>	
id	Competitor ID
code	
name	Competitor Name
lots	
photo_url	
updatetime	
<b>document.competitions.competition.event.phase.contest.competitor.competitorathlete</b>	
id	Competitor Athlete ID
code	
number	Athlete Number
updatetime	
<b>document.competitions.competition.event.phase.contest.competitor.competitorathlete.athlete</b>	
id	Athlete ID
code	
name	Athlete Name
updatetime	
<b>document.competitions.competition.event.phase.contest.competitor.competitorathlete.athlete.organization</b>	
id	Organization ID
code	
name	Organization Name
updatetime	

## 2.3 Query Result

[http://192.168.0.230/public/?m=query\\_result&competitioncode=DIV](http://192.168.0.230/public/?m=query_result&competitioncode=DIV)

### Parameters

Name	Description	Optional	Example
m	Name of method		query_result
competitioncode	Competition Code	Y	GAR
eventcode	Event Code	Y	WINDIV
phasecode	Phase Code	Y	FNL
date	Contest Date	Y	1=First day 2=Second day
datatype		Y	xml / json

### Response data in XML:

```
<document>
  <competitions>
    <competition id="" code="" name="" date="">
      <event id="" code="" name="">
        <phase id="" name="" type="" code="" result_status="">
          <officials>
            <officialdispatch id="" functiontype="" updatetime="">
              <official id="" code="" name="" updatetime=""/>
            </officialdispatch>
          </officials>
          <contest id="" name="" order="" court="" leveltitle="" start_date="" start_time="" group=""
            result_status="" score="" remark="">
            <competitor id="" code="" name="" lots="" photo_url="" updatetime="">
              <competitorathlete id="" code="" number="" updatetime="">
                <athlete id="" name="" updatetime="">
                  <organization id="" name="" updatetime=""/>
                </athlete>
              </competitorathlete>
            </competitor>
            <videos>
              <video id="" channel="" url=""/>
            </videos>
          </contest>
        </phase>
      </event>
    </competition>
  </competitions>
</document>
```

**Data description:**

<b>document.competitions.competition</b>	
id	Competition ID
code	Competition Code. Ex: GAR
name	Competition Name. Ex: Artistic Gymnastics
date	Competition Date
<b>document.competitions.competition.event</b>	
id	Event ID
code	
name	Event Name
<b>document.competitions.competition.event.phase</b>	
id	Phase ID
code	
type	Phase Type <b>QUAL</b> = Qualification <b>PREL</b> = Preliminary <b>FNL</b> = Final
result_status	Result status <b>PENDING</b> = Pending <b>ON_THE_MATCH</b> = On the Match <b>UNOFFICIAL</b> = Unofficial <b>OFFICIAL</b> = Official
<b>document.competitions.competition.event.phase.officials</b>	
<b>document.competitions.competition.event.phase.officials.officialdispatch</b>	
id	
functiontype	
updatetime	
<b>document.competitions.competition.event.phase.officials.officialdispatch.official</b>	
id	
code	
name	
updatetime	
<b>document.competitions.competition.event.phase.contest</b>	
id	Contest ID
code	
order	Order of the contest
name	The match name. Ex: 1
court	The court that the game will be hold
start_date	
start_time	
group	The index number of current group
result_status	Result status

	<b>PENDING</b> = Pending <b>ON_THE_MATCH</b> = On the Match <b>UNOFFICIAL</b> = Unofficial <b>OFFICIAL</b> = Official
score	Score
...	<i>(Check below for more details of score for each different match)</i>
irm	Invalid result mark
<b>document.competitions.competition.event.phase.contest.comeptitor</b>	
id	Competitor ID
code	
name	Competitor Name
lots	
photo_url	
updatetime	
<b>document.competitions.competition.event.phase.contest.competitor.competitorathlete</b>	
id	Competitor Athlete ID
code	
number	Athlete Number
updatetime	
<b>document.competitions.competition.event.phase.contest.competitor.competitorathlete.athlete</b>	
id	Athlete ID
code	
name	Athlete Name
updatetime	
<b>document.competitions.competition.event.phase.contest.competitor.competitorathlete.athlete.organization</b>	
id	Organization ID
code	
name	Organization Name
updatetime	
<b>document.competitions.competition.event.phase.contest.videos</b>	
<b>document.competitions.competition.event.phase.contest.videos.video</b>	
id	Video ID
channel	
starttime	The start time of the video
url	Video file url
updatetime	



## 2.4 Query Rank

[http://192.168.0.230/public/?m=query\\_rank&competitioncode=BAM001](http://192.168.0.230/public/?m=query_rank&competitioncode=BAM001)

### Parameters

Name	Description	Optional	Example
m	Name of method		query_rank
competitioncode	Competition Code	Y	GAR
eventcode	Event Code	Y	WINDIV
phasecode	Phase Code	Y	FNL
datatype		Y	xml / json

### Response data in XML:

```
<document>
  <competitions>
    <competition id="" code="" name="" date="">
      <event id="" name="">
        <phase id="" code="" type="" result_status="">
          <competitor id="" code="" order="" name=""athlete_name="" rank="">
            <competitorathlete id="" code="" number="" name="">
              <athlete id="" code="" name="">
                <organization id="" code="" name="" />
              </athlete>
            </competitorathlete>
          </competitor>
        </phase>
      </event>
    </competition>
  </competitions>
</document>
```

### Data description:

document.competitions.competition	
id	Competition ID
code	Competition Code. Ex: GAR
name	Competition Name. Ex: Artistic Gymnastics
date	Competition Date
document.competitions.competition.event	
id	Event ID
code	
name	Event Name
document.competitions.competition.event.phase	

Id	Phase ID
code	
type	Phase Type <b>QUAL</b> = Qualification <b>PREL</b> = Preliminary <b>FNL</b> = Final
result_status	Result status <b>PENDING</b> = Pending <b>ON_THE_MATCH</b> = On the Match <b>UNOFFICIAL</b> = Unofficial <b>OFFICIAL</b> = Official
<b>document.competitions.competition.event.phase.competitor</b>	
id	Competitor ID
code	
name	Competitor Name
athlete_name	Competitor Athlete Name
rank_group	The group index for group stage. Ex: 1
rank_order	Order of rank
rank	Rank
rank_equal	
qualification_mark	
score	
...	<i>(Check below for more details of score for each different match)</i>
irm	Invalid result mark
<b>document.competitions.competition.event.phase.competitor.competitorathlete</b>	
id	Competitor Athlete ID
code	
number	Athlete Number
<b>document.competitions.competition.event.phase.competitor.competitorathlete.athlete</b>	
id	Athlete ID
code	
name	Athlete Name
<b>document.competitions.competition.event.phase.competitor.competitorathlete.athlete.org anization</b>	
id	Organization ID
code	
name	Organization Name

### 3. Type definitions for each match

#### Artistic Gymnastics

document.competitions.competition.event.phase	
type1	<b>INDIV</b> = Individual <b>TEAM</b> = Team
type2	<b>BB</b> = Balance Beam <b>FX</b> = Floor Exercise <b>HB</b> = Horizontal Bar <b>PB</b> = Parallel Bars <b>PH</b> = Pommel Horse <b>SR</b> = Rings <b>UB</b> = Uneven Bars <b>VT</b> = Vault

#### Rhythmic Gymnastics

document.competitions.competition.event.phase	
type1	<b>INDIV</b> = Individual <b>TEAM</b> = Team
type2	<b>ROPE</b> = rope <b>HOOP</b> = hoop <b>BALL</b> = Ball <b>CLUSBS</b> = Clubs <b>RIBBON</b> = Ribbon <b>SHAWL</b> = Shawl <b>FLOOR</b> = Floor <b>3_HOOPS_2_CLUBS</b> = Three Hoops Two Clubs <b>3_BALLS_2_ROPES</b> = Three Balls Two Ropes <b>5_BALLS</b> = Five Balls <b>5_HOOPS</b> = Five Hoops

#### Aerobics

document.competitions.competition.event.phase	
type1	<b>INDIV</b> = Individual <b>PAIR</b> = Pair <b>TRIO</b> = Trio <b>GROUP</b> = Group

#### Acrobatic

document.competitions.competition.event.phase	
type1	<b>PAIR</b> = Pair <b>TRIO</b> = Trio <b>GROUP</b> = Group

## Artistic Swimming

document.competitions.competition.event.phase	
type1	<b>FIGURES</b> = Figures <b>SOLO_TECH</b> = Solo Tech <b>DUET_TECH</b> = Duet Tech <b>MIXED_DUET_TECH</b> = Mixed Duet Tech <b>TEAM_TECH</b> = Team Tech <b>SOLO_FREE</b> = Solo Free <b>DUET_FREE</b> = Duet Free <b>MIXED_DUET_FREE</b> = Mixed Duet Free <b>TEAM_FREE</b> = Team Free <b>FREE_COMBINATION</b> = Free Combination <b>HIGHLIGHT</b> = Highlight
type2	<b>30/40/30</b> <b>30/30/40</b> <b>50/50/00</b>

## Diving

document.competitions.competition.event.phase	
type1	<b>INDIV</b> = Individual <b>SYNC</b> = Synchronised <b>MISYNC</b> = Mixed Synchronised <b>ALLAROUND</b> = All Around
type2	<b>1M</b> = 1 Meter <b>3M</b> = 3 Meter <b>5M</b> = 5 Meter <b>7.5M</b> = 7.5 Meter <b>10M</b> = 10 Meter <b>10M+3M</b> = 10 Meter + 3 Meter All Around <b>5M+1M</b> = 5 Meter + 1 Meter All Around

#### 4. Score definitions for each match

##### Wushu Taolu

Regular	
difficulty	Difficulty
difficulty_scores	Difficulty_scores
difficulty_total_score	Difficulty_total_score
movements_score	Movements_score
performance_score	Performance_score
difficulty_score	Difficulty_score
creative_score	Creative_score
pen	Pen
movements_judge1_score	Movements Judge1 Score
movements_judge2_score	Movements Judge2 Score
movements_judge3_score	Movements Judge3 Score
movements_referee_score	Movements Referee Score
movements_chiefreferee_score	Movements Chiefreferee Score
movements_confirmed_score	Movements Confirmed Score
movements_judge1_scoringtime	Movements Judge1 Scoringtime
movements_judge2_scoringtime	Movements Judge2 Scoringtime
movements_judge3_scoringtime	Movements Judge3 Scoringtime
performance_judge_score	Performance Judge Score
difficulty_judge1_score	Difficulty Judge1 Score
difficulty_judge1_score	Difficulty Judge1 Score
difficulty_judge1_score	Difficulty Judge1 Score
difficulty_referee_score	Difficulty Referee Score
difficulty_chiefreferee_score	Difficulty Chiefreferee Score
difficulty_confirmed_score	Difficulty Confirmed Score
score	Total Score

##### Wushu Taolu Traditional

Regular	
score1	Score1
pen	Pen
judge_score	Judge_score
score	Total Score

##### Karate Kata

Regular	
round1_score	Round1 Score
round2_score	Round2 Score
round1_technical_score	Round1 Technical Score
round1_athletic_score	Round1 Athletic Score

round2_technical_score	Round2 Technical Score
round2_athletic_score	Round2 Athletic Score
score	Total Score

#### Taekwondo Poomsae

Regular	
round1_score	Round1 Score
round2_score	Round2 Score
round1_accuracy_score	Round1 Accuracy Score
round1_presentation_score	Round1 Presentation Score
round1_pen	Round1 Pen
round2_accuracy_score	Round2 Accuracy Score
round2_presentation_score	Round2 Presentation Score
round2_pen	Round2 Pen
score	Total Score

#### Artistic Gymnastics

Regular	
round1_score	Round 1 Score
round1_difficulty_score	Round 1 Difficulty Score
round1_execution_score	Round 1 Execution Score
round1_pen	Round 1 Pen
round2_score	Round 2 Score
round2_difficulty_score	Round 2 Difficulty Score
round2_execution_score	Round 2 Execution Score
round2_pen	Round 2 Pen
score	Total Score
All Around(by rank public interface only)	
bb_score	bb_score
fx_score	fx_score
hb_score	hb_score
pb_score	pb_score
ph_score	ph_score
sr_score	sr_score
ub_score	ub_score
vt_score	vt_score

#### Rhythmic Gymnastics

Regular	
difficulty_score	Difficulty Score
execution_score	Execution Score
pen	Pen
score	Total Score

**Aerobics**

<b>Regular</b>	
artistic_score	Artistic Score
execution_score	Execution Score
difficulty_score	Difficulty Score
deduction	Deduction
deduction_diff	Deduction Difficulty
deduction_line	Deduction Line
deduction_referee	Deduction Referee
lift	Lift
score	Total Score

**Cheerleading**

<b>Regular</b>	
score1	Score
pen	Pen
score	Total Score

**Breaking (Preliminary)**

<b>Regular</b>	
<b>Solo</b>	
technique_score	Technique Score
technique_judge_score	Technique Judge Score
performativity_score	Performativity Score
performativity_judge_score	Performativity Judge Score
creativity_score	Creativity Score
creativity_judge_score	Creativity Judge Score
variety_score	Variety Score
variety_judge_score	Variety Judge Score
musicality_score	Musicality Score
musicality_judge_score	Musicality Judge Score
personality_score	Personality Score
personality_judge_score	personality_judge_score
<b>Team</b>	
technique_score	Technique Score
technique_judge_score	Technique Judge Score
performativity_score	Performativity Score
performativity_judge_score	Performativity Judge Score
creativity_score	Creativity Score
creativity_judge_score	Creativity Judge Score
variety_score	Variety Score
variety_judge_score	Variety Judge Score

musicality_score	Musicality Score
musicality_judge_score	Musicality Judge Score
personality_score	Personality Score
personality_judge_score	personality_judge_score
uniformity_score	Uniformity Score
uniformity_judge_score	Uniformity Judge Score
dress_score	Dress Score
dress_judge_score	Dress Judge Score
score	Total Score

### Artistic Swimming

<b>Regular</b>	
Figures	
round1_score	Round 1 Score
round1_pen	Round 1 Pen
round2_score	Round 2 Score
round2_pen	Round 2 Pen
round3_score	Round 3 Score
round3_pen	Round 3 Pen
round4_score	Round 4 Score
round4_pen	Round 4 Pen
score	Total Score
Tech Routine	
execution_score	Execution Score
impression_score	Impression Score
elements_score	Elements Score
pen	Pen
deduction	Deduction
score	Total Score
Free Routine	
execution_score	Execution Score
artisticimpression_score	Artistic Impression Score
difficulty_score	Difficulty Score
pen	Pen
deduction	Deduction
score	Total Score

### Diving

<b>Regular</b>	
round1_score	Round 1 Score
round1_pen	Round 1 Pen
round2_score	Round 2 Score
round2_pen	Round 2 Pen



round3_score	Round 3 Score
round3_pen	Round 3 Pen
round4_score	Round 4 Score
round4_pen	Round 4 Pen
round5_score	Round 5 Score
round5_pen	Round 5 Pen
round6_score	Round6 Score
round6_pen	Round 6 Pen
round7_score	Round 7 Score
round7_pen	Round 7 Pen
round8_score	Round 8 Score
round8_pen	Round 8 Pen
round9_score	Round 9 Score
round9_pen	Round 9 Pen
round10_score	Round 10 Score
round10_pen	Round 10 Pen
round11_score	Round 11 Score
round11_pen	Round 11 Pen
round12_score	Round 12 Score
round12_pen	Round 12 Pen
score	Total Score

**Figure Skating**

<b>Regular</b>	
presentation_score	Presentation Score
technical_score	Technical Score
pen	Pen
presentation_ss_score	Presentation SS Score
presentation_tr_score	Presentation TR Score
presentation_pe_score	Presentation PE Score
presentation_ch_score	Presentation CH Score
presentation_in_score	Presentation IN Score
technical_score1	Technical Score1
technical_score2	Technical Score2
technical_score3	Technical Score3
technical_score4	Technical Score4
technical_score5	Technical Score5
technical_score6	Technical Score6
technical_score7	Technical Score7
technical_score8	Technical Score8
technical_score9	Technical Score9
technical_score10	Technical Score10

technical_score11	Technical Score11
technical_score12	Technical Score12
technical_score13	Technical Score13
technical_score14	Technical Score14
technical_score15	Technical Score15
presentation_ss_judge_score	Presentation SS Judge Score
presentation_tr_judge_score	Presentation TR Judge Score
presentation_pe_judge_score	Presentation PE Judge Score
presentation_ch_judge_score	Presentation CH Judge Score
presentation_in_judge_score	Presentation IN Judge Score
technical_judge_score1	Technical Judge Score1
technical_judge_score2	Technical Judge Score2
technical_judge_score3	Technical Judge Score3
technical_judge_score4	Technical Judge Score4
technical_judge_score5	Technical Judge Score5
technical_judge_score6	Technical Judge Score6
technical_judge_score7	Technical Judge Score7
technical_judge_score8	Technical Judge Score8
technical_judge_score9	Technical Judge Score9
technical_judge_score10	Technical Judge Score10
technical_judge_score11	Technical Judge Score11
technical_judge_score12	Technical Judge Score12
technical_judge_score13	Technical Judge Score13
technical_judge_score14	Technical Judge Score14
technical_judge_score15	Technical Judge Score15
score	Total Score