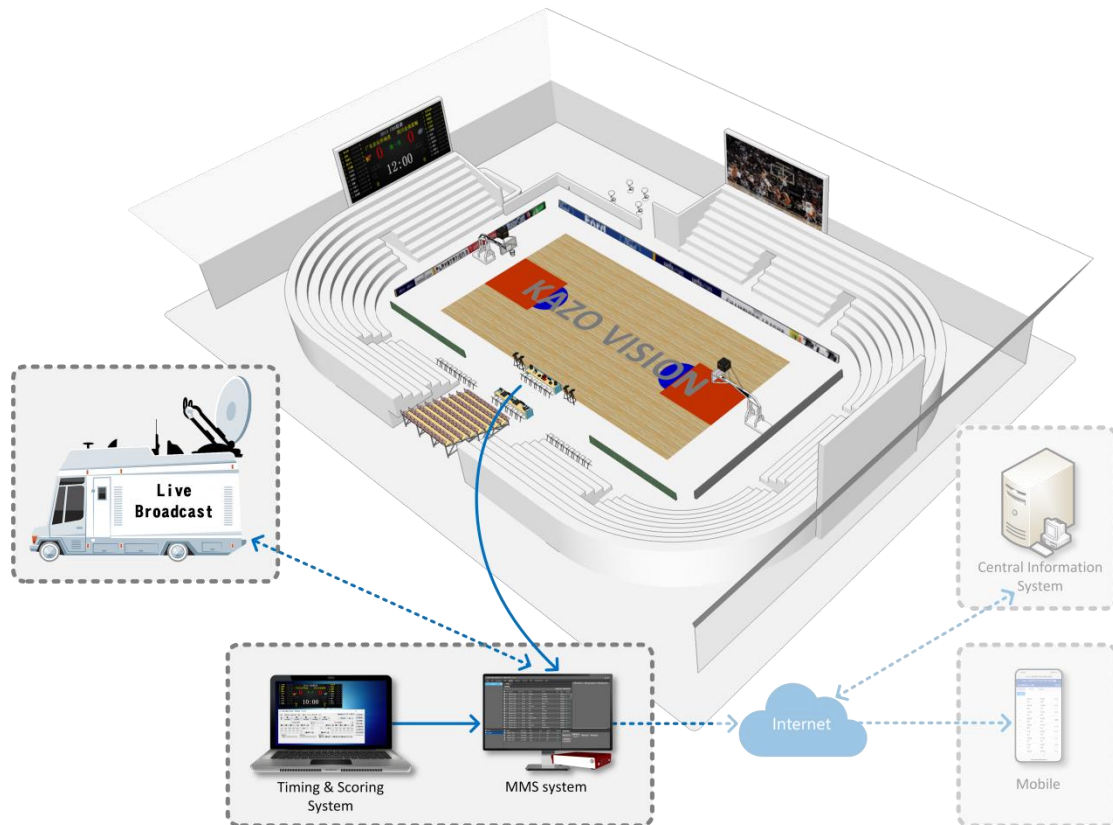


MMS Public Interface (Swimming)

1. Brief

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



2. Interface

<http://192.168.0.230/public/>

1.1 Query Fixtures

http://192.168.0.230/public/?m=query_fixtures&competitioncode=SWM

Parameters

Name	Description	Optional	Example
m	Name of method		query_fixtures
competitioncode	Competition Code	Y	SWM
eventcode	Event Code	Y	M00MFR
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: SWM
name	Competition Name. Ex: Swimming
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 QUAL = Qualification PREL = Preliminary FNL = Final
order	
result_status	Result status PENDING = Pending ON_THE_MATCH = On the Match UNOFFICIAL = Unofficial OFFICIAL = Official

1.2 Query Start List

http://192.168.0.230/public/?m=query_startlist&competitioncode=SWM

Parameters

Name	Description	Optional	Example
m	Name of method		query_startlist
competitioncode	Competition Code	Y	SWM
eventcode	Event Code	Y	M00MFR
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="" datetime="" group="" result_status=""
start_date="" start_time="">
            <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:

document.competitions.competition	
id	Competition ID
code	Competition Code. Ex: SWM
name	Competition Name. Ex: Swimming
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 QUAL = Qualification PREL = Preliminary FNL = Final
order	
result_status	Result status PENDING , ON_THE_MATCH , UNOFFICIAL , OFFICIAL
document.competitions.competition.event.phase.officials	
document.competitions.competition.event.phase.officials.officialdispatch	
id	
functiontype	
updatetime	
document.competitions.competition.event.phase.officials.officialdispatch.official	
id	
code	
name	
updatetime	
document.competitions.competition.event.phase.contest	
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"
group	The index number of current group
result_status	Result status PENDING = Pending ON_THE_MATCH = On the Match UNOFFICIAL = Unofficial OFFICIAL = Official
irm	Invalid result mark
document.competitions.competition.event.phase.contest.competitor	
id	Competitor ID
code	
name	Competitor Name
lots	
photo_url	
updatetime	
document.competitions.competition.event.phase.contest.competitor.competitorathlete	
id	Competitor Athlete ID
code	
number	Athlete Number
updatetime	
document.competitions.competition.event.phase.contest.competitor.competitorathlete.athlete	
id	Athlete ID
code	
name	Athlete Name
updatetime	
document.competitions.competition.event.phase.contest.competitor.competitorathlete.athlete.organization	
id	Organization ID
code	
name	Organization Name
updatetime	

1.3 Query Result

http://192.168.0.230/public/?m=query_result&competitioncode=SWM

Parameters

Name	Description	Optional	Example
m	Name of method		query_result
competitioncode	Competition Code	Y	SWM
eventcode	Event Code	Y	M00MFR
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:

document.competitions.competition	
id	Competition ID
code	Competition Code. Ex: SWM
name	Competition Name. Ex: Swimming
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 QUAL = Qualification PREL = Preliminary FNL = Final
result_status	Result status PENDING = Pending ON_THE_MATCH = On the Match UNOFFICIAL = Unofficial OFFICIAL = Official
document.competitions.competition.event.phase.officials	
document.competitions.competition.event.phase.officials.officialdispatch	
id	
functiontype	
updatetime	
document.competitions.competition.event.phase.officials.officialdispatch.official	
id	
code	
name	
updatetime	
document.competitions.competition.event.phase.contest	
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

	PENDING = Pending ON_THE_MATCH = On the Match UNOFFICIAL = Unofficial OFFICIAL = Official
time	Time
irm	Invalid result mark
document.competitions.competition.event.phase.contest.comeptitor	
id	Competitor ID
code	
name	Competitor Name
lots	
photo_url	
updatetime	
document.competitions.competition.event.phase.contest.competitor.competitorathlete	
id	Competitor Athlete ID
code	
number	Athlete Number
updatetime	
document.competitions.competition.event.phase.contest.competitor.competitorathlete.athlete	
id	Athlete ID
code	
name	Athlete Name
updatetime	
document.competitions.competition.event.phase.contest.competitor.competitorathlete.athlete.organization	
id	Organization ID
code	
name	Organization Name
updatetime	
document.competitions.competition.event.phase.contest.videos	
document.competitions.competition.event.phase.contest.videos.video	
id	Video ID
channel	
starttime	The start time of the video
url	Video file url
updatetime	

1.4 Query Rank

http://192.168.0.230/public/?m=query_rank&competitioncode=SWM

Parameters

Name	Description	Optional	Example
m	Name of method		query_rank
competitioncode	Competition Code	Y	SWM
eventcode	Event Code	Y	WINSWN
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="" 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: SWM
name	Competition Name. Ex: Swimming
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 QUAL = Qualification

	PREL = Preliminary FNL = Final
result_status	Result status PENDING = Pending ON_THE_MATCH = On the Match UNOFFICIAL = Unofficial OFFICIAL = Official
document.competitions.competition.event.phase.competitor	
id	Competitor ID
code	
name	Competitor Name
group	The group index for group stage. Ex: 1
rank_order	
rank	Team rank for current stage
time	
document.competitions.competition.event.phase.competitor.competitorathlete	
id	Competitor Athlete ID
code	
number	Athlete Number
document.competitions.competition.event.phase.competitor.competitorathlete.athlete	
id	Athlete ID
code	
name	Athlete Name
document.competitions.competition.event.phase.competitor.competitorathlete.athlete.organization	
id	Organization ID
code	
name	Organization Name