

Alert Server API

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1 Introduction

The Message Server API is a REST API, that allows to administer the Netpresenter Message/Alert Server. The Netpresenter Message/Alert Server CMS allows sending messages to multiple media (e.g. screens, short text messages, apps, Twitter, Facebook).

2 API calls

Alert Server: API calls related to the Alert Server

The API is not accessible for everyone. That's why it requires a key (guid) for each call, this is supplied as a GET parameter. E.g.: [http://\[SERVERURL\]/api/as/alert?key=\[GUID\]](http://[SERVERURL]/api/as/alert?key=[GUID]). The key can be created in the Netpresenter Message Server.

All communication is done in json (post data and return values). The return value is specific for each call and is described for each call below. If a call generates an error or if the authentication fails, you can expect the following return value:

```
{
  "error": {
    "code": 0,
    "message": ""
  }
}
```

2.1 Alert Server

API calls related to the Netpresenter Alert Server.

2.1.1 GET as/outputs

Returns existing outputs and corresponding sites.

Return value

```
{
  "player": {
    "name": "Player",
    "siteIds": [
      1,
      2
    ]
  },
  "email": {
    "name": "Email",
    "siteIds": [
      1
    ]
  },
  "sms": {
    "name": "Sms",
    "siteIds": [
      1
    ]
  },
  "smartphone": {
    "name": "Smartphone",
```

```

    "siteIds": [
      1
    ]
  },
  "twitter": {
    "name": "Twitter",
    "siteIds": [
      1,
      2
    ]
  },
  "facebook": {
    "name": "Facebook",
    "siteIds": [
      1
    ]
  },
  "external": [
    {
      "id": 3,
      "name": "Passive Output",
      "siteIds": [
        1,
        2
      ]
    }
  ]
}

```

2.1.2 POST as/alert

Will send out an alert to the specified outputs and sites. Sites are optional. The alert can be sent in multiple languages, for the languageCode we use the ISO 639-1 standard. For the countryCode we use the ISO 3166-1 standard.

POST value

```

{
  "status": "Actual",
  "scope": "Public",
  "alertLevel": 10,
  "hyperlink": "[url]",
  "location": {
    "formattedAddress": "6191 Beek, The Netherlands",
    "lat": 50.9393162,
    "lng": 5.7956471
  },
  "areas": {
    "circles": [
      {
        "lat": 50.9393162,
        "lng": 5.7956471,
        "radius": 50
      },
      {
        "lat": 52.9393162,
        "lng": 4.7956471,
        "radius": 10
      }
    ]
  }
}

```

```

],
"polygons": [
  {
    "points": [
      {
        "lat": 50.9393162,
        "lng": 5.7956471
      },
      {
        "lat": 51.9393162,
        "lng": 6.7956471
      },
      {
        "lat": 52.9393162,
        "lng": 7.7956471
      }
    ]
  }
]
},
"media": {
  "internal": [
    {
      "guid": "1",
      "type": "image",
      "mediaId": 32
    }
  ],
  "external": [
    {
      "guid": "2",
      "type": "image",
      "url": "http://[domain]/fire.png"
    },
    {
      "guid": "3",
      "type": "image",
      "url": "http://[domain]/tornado.png"
    }
  ]
},
"outputs": {
  "default": {
    "languages": [
      {
        "languageCode": "nl",
        "countryCode": "nl",
        "default": 1,
        "title": "Dit is de default titel",
        "message": "Dit is het default bericht",
        "hyperlink": "http://www.google.nl/nl/default.php"
      }
    ]
  },
  "siteIds": [
    1
  ],
  "mediaGuids": [
    "1"
  ]
},
"player": {

```

```

    "siteIds": [
      1
    ]
  },
  "email": {
    "languages": [
      {
        "languageCode": "nl",
        "countryCode": "nl",
        "title": "Dit is de email titel",
        "message": "Dit is het email bericht"
      }
    ],
    "siteIds": [
      1
    ]
  },
  "sms": {
    "languages": [
      {
        "languageCode": "nl",
        "countryCode": "nl",
        "title": "Dit is de sms titel",
        "message": "Dit is het sms bericht"
      }
    ],
    "siteIds": [
      1
    ]
  },
  "twitter": {
    "languages": [
      {
        "languageCode": "nl",
        "countryCode": "nl",
        "title": "Dit is de twitter titel",
        "message": "Dit is het twitter bericht"
      },
      {
        "languageCode": "en",
        "countryCode": "gb",
        "title": "This is the Twitter title",
        "message": "This is the Twitter message"
      }
    ],
    "siteIds": [
      1
    ]
  },
  "facebook": {
    "siteIds": [
      1
    ]
  },
  "smartphone": {
    "languages": [
      {
        "languageCode": "nl",
        "countryCode": "nl",
        "title": "Dit is de smartphone titel",
        "message": "Dit is het smartphone bericht"
      }
    ]
  }
}

```

```

    }
  ],
  "pushNotification": {
    "languages": [
      {
        "languageCode": "nl",
        "countryCode": "nl",
        "title": "Dit is de push notificatie",
        "message": ""
      }
    ]
  },
  "allowReact": 1,
  "reactEmail": "noreply@interwebs.com",
  "allowShare": 1,
  "shareText": "Share me",
  "shareUrl": "http://www.share.nu",
  "siteIds": [
    1
  ]
},
"external": [
  {
    "id": 2,
    "siteIds": [
      1
    ]
  },
  {
    "id": 3,
    "siteIds": [
      1
    ]
  }
]
}
}
}

```

Return value

```

{
  "id": 21,
  "type": "Alert",
  "status": "Actual",
  "scope": "Public",
  "alertLevel": 10,
  "sender": "Default",
  "location": {
    "formattedAddress": "6191 Beek, The Netherlands",
    "lat": 50.9393162,
    "lng": 5.7956471
  },
  "areas": {
    "circles": [
      {
        "lat": 50.9393162,
        "lng": 5.7956471,
        "radius": 50
      },
      {

```

```
    "lat": 52.9393162,
    "lng": 4.7956471,
    "radius": 10
  }
],
"polygons": [
  {
    "points": [
      {
        "lat": 50.9393162,
        "lng": 5.7956471
      },
      {
        "lat": 51.9393162,
        "lng": 6.7956471
      },
      {
        "lat": 52.9393162,
        "lng": 7.7956471
      }
    ]
  }
]
],
"media": {
  "internal": [
    {
      "guid": "1",
      "type": "image",
      "mediaId": 32
    }
  ]
},
"outputs": {
  "default": {
    "languages": [
      {
        "languageCode": "nl",
        "countryCode": "nl",
        "title": "Dit is de default titel",
        "message": "Dit is het default bericht",
        "hyperlink": " http://www.google.nl/nl/default.php"
      }
    ],
    "siteIds": [
      1
    ],
    "mediaGuids": [
      "2"
    ]
  },
  "player": {
    "templateId": 35,
    "siteIds": [
      1
    ]
  },
  "email": {
    "languages": [
      {
        "languageCode": "nl",
```

```

        "countryCode": "nl",
        "title": "Dit is de email titel",
        "message": "Dit is het email bericht"
    }
],
"siteIds": [
    1
]
},
"sms": {
    "languages": [
        {
            "languageCode": "nl",
            "countryCode": "nl",
            "title": "Dit is de sms titel",
            "message": "Dit is het sms bericht"
        }
    ],
    "siteIds": [
        1
    ]
},
"twitter": {
    "languages": [
        {
            "languageCode": "nl",
            "countryCode": "nl",
            "title": "Dit is de twitter titel",
            "message": "Dit is het twitter bericht"
        }
    ],
    "siteIds": [
        1
    ]
},
"facebook": {
    "siteIds": [
        1
    ]
},
"smartphone": {
    "languages": [
        {
            "languageCode": "nl",
            "countryCode": "nl",
            "title": "Dit is de smartphone titel",
            "message": "Dit is het smartphone bericht"
        }
    ],
    "pushNotification": {
        "languages": [
            {
                "languageCode": "nl",
                "countryCode": "nl",
                "title": "Dit is de push notificatie",
                "message": ""
            }
        ]
    },
    "allowReact": 1,
    "reactEmail": "noreply@interwebs.com",

```



```
    "allowShare": 1,  
    "shareText": "Share me",  
    "shareUrl": "http://www.share.nu",  
    "siteIds": [  
      1  
    ]  
  },  
  "external": [  
    {  
      "id": 2,  
      "siteIds": [  
        1  
      ]  
    },  
    {  
      "id": 3,  
      "siteIds": [  
        1  
      ]  
    }  
  ]  
}
```

2.1.3 PUT as/alert/:id

Updates an alert

Parameters**Id: required**

Alert Id (integer)

PUT value

```
{
  "status": "Actual",
  "scope": "Public",
  "alertLevel": 10,
  "hyperlink": "http://www.defaulturl.nl",
  "location": {
    "formattedAddress": "6191 Beek, The Netherlands",
    "lat": 50.9393162,
    "lng": 5.7956471
  },
  "areas": {
    "circles": [
      {
        "lat": 50.9393162,
        "lng": 5.7956471,
        "radius": 50
      },
      {
        "lat": 52.9393162,
        "lng": 4.7956471,
        "radius": 10
      }
    ]
  },
  "polygons": [
    {
      "points": [
        {
          "lat": 50.9393162,
          "lng": 5.7956471
        },
        {
          "lat": 51.9393162,
          "lng": 6.7956471
        },
        {
          "lat": 52.9393162,
          "lng": 7.7956471
        }
      ]
    }
  ]
},
"media": {
  "internal": [
    {
      "guid": "1",
      "type": "image",
      "mediaId": 31
    }
  ]
}
```

```

    }
  ],
  "external": [
    {
      "guid": "2",
      "type": "image",
      "url": "http://[domain]/fire.png",
      "thumb": ""
    },
    {
      "guid": "3",
      "type": "image",
      "url": "http://[domain]/tornado.png",
      "thumb": ""
    }
  ]
},
"outputs": {
  "default": {
    "languages": [
      {
        "languageCode": "nl",
        "countryCode": "nl",
        "default": 1,
        "title": "Dit is de default titel",
        "message": "Dit is het default bericht",
        "hyperlink": "http://www.google.nl/nl/default.php"
      }
    ],
    "siteIds": [
      1
    ],
    "mediaGuids": [
      "2"
    ]
  },
  "player": {
    "siteIds": [
      1,
      2
    ]
  },
  "email": {
    "languages": [
      {
        "languageCode": "nl",
        "countryCode": "nl",
        "title": "Dit is de email titel",
        "message": "Dit is het email bericht"
      }
    ],
    "siteIds": [
      1
    ]
  },
  "sms": {
    "languages": [
      {
        "languageCode": "nl",
        "countryCode": "nl",
        "title": "Dit is de sms titel",

```

```

        "message": "Dit is het sms bericht"
    }
  ],
  "siteIds": [
    1
  ]
},
"twitter": {
  "languages": [
    {
      "languageCode": "nl",
      "countryCode": "nl",
      "title": "Dit is de twitter titel",
      "message": "Dit is het twitter bericht"
    }
  ],
  "siteIds": [
    1
  ]
},
"facebook": {
  "siteIds": [
    1
  ]
},
"smartphone": {
  "languages": [
    {
      "languageCode": "nl",
      "countryCode": "nl",
      "title": "Dit is de smartphone titel",
      "message": "Dit is het smartphone bericht"
    }
  ],
  "pushNotification": {
    "languages": [
      {
        "languageCode": "nl",
        "countryCode": "nl",
        "title": "Dit is de push notificatie",
        "message": ""
      }
    ]
  },
  "allowReact": 1,
  "reactEmail": "noreply@interwebz.com",
  "allowShare": 1,
  "shareText": "Share me",
  "shareUrl": "http://www.share.nl",
  "siteIds": [
    1
  ]
},
"external": [
  {
    "id": 1,
    "siteIds": [
      1
    ]
  }
],
{

```

```

    "id": 3,
    "siteIds": [
      1
    ]
  }
]
}
}

```

Return value

```

{
  "id": 21,
  "type": "Update",
  "status": "Actual",
  "scope": "Public",
  "alertLevel": 10,
  "sender": "[DomainName]",
  "hyperlink": "[url]",
  "location": {
    "formattedAddress": "6191 Beek, The Netherlands",
    "lat": 50.9393162,
    "lng": 5.7956471
  },
  "areas": {
    "circles": [
      {
        "lat": 50.9393162,
        "lng": 5.7956471,
        "radius": 50
      },
      {
        "lat": 52.9393162,
        "lng": 4.7956471,
        "radius": 10
      }
    ]
  },
  "polygons": [
    {
      "points": [
        {
          "lat": 50.9393162,
          "lng": 5.7956471
        },
        {
          "lat": 51.9393162,
          "lng": 6.7956471
        },
        {
          "lat": 52.9393162,
          "lng": 7.7956471
        }
      ]
    }
  ]
},
"media": {
  "internal": [
    {
      "guid": "988B43DE-F083-4169-B7F3-90445C1B49D0",

```

```

        "type": "image",
        "mediaId": 31
    }
],
"external": [
    {
        "guid": "2",
        "type": "image",
        "url": "http://[domain]/fire.png",
        "thumb": "http://[domain]/thumb/fire.png"
    },
    {
        "guid": "3",
        "type": "image",
        "url": "http://[domain]/tornado.png",
        "thumb": "http://[domain]/thumb/tornado.png"
    }
]
},
"outputs": {
    "default": {
        "languages": [
            {
                "languageCode": "nl",
                "countryCode": "nl",
                "default": 1,
                "title": "Dit is de default titel",
                "message": "Dit is het default bericht",
                "hyperlink": "http://www.defaulturl.nl/override.php"
            }
        ],
        "siteIds": [
            1
        ],
        "mediaGuids": [
            "2"
        ]
    },
    "player": {
        "templateId": 35,
        "siteIds": [
            1,
            2
        ]
    },
    "email": {
        "languages": [
            {
                "languageCode": "nl",
                "countryCode": "nl",
                "title": "Dit is de email titel",
                "message": "Dit is het email bericht"
            }
        ],
        "siteIds": [
            1
        ]
    },
    "sms": {
        "languages": [
            {

```

```

        "languageCode": "nl",
        "countryCode": "nl",
        "title": "Dit is de sms titel",
        "message": "Dit is het sms bericht"
    }
],
"siteIds": [
    1
]
},
"twitter": {
    "languages": [
        {
            "languageCode": "nl",
            "countryCode": "nl",
            "title": "Dit is de twitter titel",
            "message": "Dit is het twitter bericht"
        }
    ],
    "siteIds": [
        1
    ]
},
"facebook": {
    "siteIds": [
        1
    ]
},
"smartphone": {
    "languages": [
        {
            "languageCode": "nl",
            "countryCode": "nl",
            "title": "Dit is de smartphone titel",
            "message": "Dit is het smartphone bericht"
        }
    ],
    "pushNotification": {
        "languages": [
            {
                "languageCode": "nl",
                "countryCode": "nl",
                "title": "Dit is de push notificatie",
                "message": ""
            }
        ]
    },
    "allowReact": 1,
    "reactEmail": "noreply@interwebz.com",
    "allowShare": 1,
    "shareText": "Share me",
    "shareUrl": "http://www.share.nl",
    "siteIds": [
        1
    ]
},
"external": [
    {
        "id": 2,
        "siteIds": [
            1
        ]
    }
]

```

```

    ]
  },
  {
    "id": 3,
    "siteIds": [
      1
    ]
  }
]
}
}
}

```

2.1.4 DELETE as/alert/:id

Stops an alert

Parameters

Id: required	Guid id of the alert
---------------------	----------------------

Return value

Returns nothing on success, otherwise returns error message.

2.1.5 GET as/alert/status/:id

Returns the status, per output, of an alert. The status can contain the following values:

- 0: undefined
- 1: running
- 2: completed
- 3: failed

Parameters

id: required	id of the alert
---------------------	-----------------

Return value

```

{
  "email": {
    "status": 1,
    "send": 0,
    "error": 0,
    "total": 0
  },
  "sms": {
    "status": 1,
    "send": 0,
    "error": 0,
    "total": 0
  },
  "smartphone": {

```



```
"status": 1,  
"send": 0,  
"error": 0,  
"total": 0  
},  
"player": {  
  "sites": [  
    {  
      "id": 1,  
      "status": 2  
    }  
  ]  
},  
"twitter": {  
  "sites": [  
    {  
      "id": 1,  
      "status": 2  
    }  
  ]  
},  
"facebook": {  
  "sites": [  
    {  
      "id": 1,  
      "status": 3  
    }  
  ]  
},  
"external": [  
  {  
    "id": 2,  
    "sites": [  
      {  
        "id": 1,  
        "status": 2  
      }  
    ]  
  },  
  {  
    "id": 3,  
    "sites": [  
      {  
        "id": 1,  
        "status": 1  
      }  
    ]  
  }  
]  
}
```

2.1.6 POST as/alert/addGisInfoToAlert/:id

Adds Alert areas to the Alert with :id.

Parameters

id: required	id of the alert
---------------------	-----------------

POST value

```
{
  "areas": {
    "circles": [
      {
        "lat": 50.9393162,
        "lng": 5.7956471,
        "radius": 50
      },
      {
        "lat": 52.9393162,
        "lng": 4.7956471,
        "radius": 10
      }
    ],
    "polygons": [
      {
        "points": [
          {
            "lat": 50.9393162,
            "lng": 5.7956471
          },
          {
            "lat": 51.9393162,
            "lng": 6.7956471
          },
          {
            "lat": 52.9393162,
            "lng": 7.7956471
          }
        ]
      }
    ]
  }
}
```

Return value

The return value is identical to the posted json value.

```
{
  "areas": {
    "circles": [
      {
        "lat": 50.9393162,
        "lng": 5.7956471,
```

```
    "radius": 50
  },
  {
    "lat": 52.9393162,
    "lng": 4.7956471,
    "radius": 10
  }
],
"polygons": [
  {
    "points": [
      {
        "lat": 50.9393162,
        "lng": 5.7956471
      },
      {
        "lat": 51.9393162,
        "lng": 6.7956471
      },
      {
        "lat": 52.9393162,
        "lng": 7.7956471
      }
    ]
  }
]
}
```