

APIs (LBS)

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Location Based Services APIs

Document Title/Link	SDK/API Type	Document Description	Last Updated
Mapping API v1.1	Mapping	This document describes the specification for the MaaS Mapping API ("API"), which allows remote clients to manage the various resources associated with mapping, including venues, campuses, buildings, floors, points of interest, segments and routes, including security and protocols.	1/15/2015
Mapping API Architecture	Mapping	Describes the Mapping API architecture including: Production URL, Request / Response Format, HTTP Method, Date / Time Format, Bracketed IDs ("[id]"s), Ellipses ("..."s), PUT Methods and Partial Updates, URL Definitions, and GET Methods and Query Strings	1/15/2015
Cisco Prime Binding	Location	Provides the POST steps and data to construct venues, campuses, buildings, floors and resources from data provided by Cisco Prime; includes the callback URL in Cisco Prime to which an HTTP POST request is sent.	1/15/2015
Mapping API Methods	Mapping	Provides descriptions of the endpoints and methods for creating, updating, and deleting: VENUE, CAMPUS, BUILDING, FLOOR, RESOURCE, POINT, POI TYPE, ROUTE, SEGMENT; additional methods related to the main processes are also	1/15/2015
Mapping API Rich Example	Mapping	This document provides examples that showcase how developers can build an example venue. Upon completion, the venue will appear in the Multiscreen as a Service (MaaS) portal's Map Editor , where credentialed users can then create points of interest (POIs), segments and routes for the newly created venue's map.	1/23/2015
Mapping API Response Handling	Mapping	Provides the HTTP status codes and and error payloads for the mapping API	1/12/2015
POI Types	Mapping	A list of the pre-defined POI Types and their integer values in the database	1/12/2015
Location API v1.2	Location	This document describes the specification for the MaaS Location ("API"), which allows remote clients to query for their devices' locations.	1/12/2015
Location API Architecture	Location	Describes the Location API architecture including: Production URL, Request / Response Format, HTTP Method, Date / Time Format, Bracketed IDs ("[id]"s), Ellipses ("..."s), PUT Methods and Partial Updates, URL Definitions, and GET Methods and Query Strings	3/16/2015
Retrieve Location Data	Location	This method is used to return a device's location coordinates and venue map data.	1/14/2015
Location API Response Handling	Location	Provides the HTTP status codes and and error payloads for the location API	1/14/2015
MARS API v1.1	MARS	This document describes the specification for the MaaS MARS API ("API") and the contract between the API and the mobile SDKs. It describes the payload data delivered by the Cisco MSE for processing by the MARS server.	1/13/2015
MARS API Architecture	MARS	Provides the request/response format, HTTP method description, date/time format and, ellipses usage	1/13/2015
MARS API Method	MARS	Description of the methods in use with Phunware's MARS API including: Register with MARS, Obtain a MAC Address, Deliver the MAC Address to the MARS Server, Register or Update with Cisco MSE, Upload Map Image Data for a Floor, and Delete Full Bind record.	1/13/2015
MARS API Response Handling	MARS	Description of the HTTP status codes and error payloads.	1/13/2015

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