



Enterprise Cloud Manager API Integration at Your Fingertips

BUSINESS OVERVIEW

Cradlepoint provides a robust Application Program Interface (API) allowing customers and partners powerful means to integrate ECM data into their applications. The API enables automated data transfer based on consistent and efficient programmatic methods. It simply provides the building blocks developers need to craft applications that access the data from a software platform.

Examples of powerful integration opportunities include:

- + Network management systems
- + Embed ECM data in customer/partner portals
- Security Information & Event Management Systems (SIEM)
- + 3rd party applications

TECHNICAL OVERVIEW

Cradlepoint provides an open RESTful JSON API available through ECM. The ECM API is accessed via HTTPS to the JSON RESTful interface.

BENEFITS

- + Creates an open architecture for extensibility by Cradlepoint developer community
- + Efficiently share data & processes
- Automated system to system, machine-tomachine, & cloud-to-cloud integration
- + Up-to-date information delivered automatically any time on demand
- + Enable creation of a seamless, interoperable network management solution
- Expand product & services portfolios
- + Backwards compatible
- + Standard RESTful open web API

- + Customized vertical applications
- + Network health monitoring

ACCESS API

- Cradlepoint ECM API is included with ECM licenses (Standard or Prime)*
- + Access ECM API Portal through the ECM API Applications tile (Figure 1:1)



Figure 1:1. ECM API Applications tile



ECM API PORTAL INCLUDES

- + Active documentation (Figure 2:1)
- + Code examples
- + API usage tracking (Figure 2:2)
- + API developer key creation and management (Figure 2:3)

*Threshold limits may apply

	GETTING STARTED USAGE DOCUMENTATION LOGOUT
Documentation	
Documentation	
About ECM API	CradlePoint Enterprise Cloud Manager ECM API Version 2
Introduction	UradiePoint Enterprise Cloud Manager is a SaaS-type server that enables the remote management of routers. This specification describes a RESTful <u>API</u> that can be used by web applications to access the service.
API Reference	The ECM API is Cradlepoint's first public API available to all ECM account holders. Active
Guidelines	documentation is available. The API and documentation are subject to change.
	What is a REST API?
	An ③ API, or application programming interface. Is a protocol that enables communication between different software systems. It provides the building blocks programmers need to craft applications that access the data from a software platform – in this case the data from LradePoint Enterprise Lloud Manager.
	A REST API is a hypertext-driven <u>API</u> that uses <u>HTP</u> methods and follows the REST principles. The CradiePoint Enterprise Cloud Manager REST <u>API</u> uses the following <u>HTTP</u> methods: GET, POST, PUT, and DELETE.
	Basics
	Base URL: @https://cradlepointecm.com/api/v2/ ("v2" designates version 2)
	Authentication: Authentication is the means by which a request proves who it is coming from. This

Figure 2:1. Active documentation





Figure 2:3. API developer key creation & management

Figure 2:2. API usage tracking

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