## Models

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|---|---|
| HP IMC Extended API Licenser | JD295A |
| HP IMC Extended API E-LTU | JG399AAE |

## Key features

- Comprehensive coverage
- Open and extensible
- Built on REST-style web services for simplicity

## Product overview

The eAPIs are an extension of IMC's open and extensible platform and can be used to share this SOA platform with an organization's homegrown and in-house applications. By integrating with IMC, developers can ensure their applications will work with all the aggregated network data collected by IMC. Developers can write their programs only once to interface with IMC, instead of many times to integrate with the operating system of each third-party device on their network. IMC is built upon an open and extensible architectural platform that leverages REST-style web services as one of the three web services in IMC. These REST-style web services enable 3rd party developers to create applications which interface and leverage IMC services. IMC Extended APIs includes over 200 APIs that provide access to core platform services. The Extended APIs are included with the Enterprise Platform and are an optional license upgrade for the Standard Platform.

## Features and benefits

**Management**

- **Comprehensive Coverage**
  eAPIs available for most IMC modules. The majority of IMC web operations have associated APIs.
- **Easy to use**
  Data is xml format and are transmitted through HTTP(s) protocol. Supports following programming languages: C/C++, Java, .Net, Perl, Ruby, Python, PHPJavascript(AJAX).
- **Better performance**
  Includes data caching mechanism for improved performance.
- **Drivers formats**
  Interfaces support xml (for applications) and JSON (Javascript/AJAX). Part of the interfaces support Excel, PDF, VISIO, etc.
- **Security**
  Uses standard HTTP digest authentication. HTTPS protocol will ensure the security of data communications.

# QuickSpecs

## Technical Specifications

**HP IMC Extended API E-LTU (JG399AAE)**

| | |
|---|---|
| **Minimum system hardware** | Server requirement<br>Intel® Pentium® 4 3.0 GHz processor<br>4 GB RAM memory<br>50 GB storage<br>10/100 MB NIC<br>48X CD-ROM drive, video card supporting 1024 x 768 resolution, and sound card |
| **Recommended system hardware** | 3.0 GHz Intel® Xeon® or Intel® Core™2 Duo processor or equivalent processor<br>4 GB RAM memory<br>100 GB storage<br>10/100 MB NIC<br>48X CD-ROM drive, video card supporting 1024 x 768 resolution, and sound card |
| **Recommended software** | Windows® Server 2003 with Service Pack 2<br>Windows® Server 2003 X64 with Service Pack 2 and KB942288<br>Windows® Server 2003 R2 with Service Pack 2<br>Windows® Server 2003 R2 X64 with Service Pack 2 with KB942288<br>Windows® Server 2008 with Service Pack 2<br>Windows® Server 2008 X64 with Service Pack 2<br>Windows® Server 2008 R2 with Service Pack 1<br>Windows® Server 2008 R2 X64 with Service Pack 1<br>Red Hat Enterprise Linux 5<br>Red Hat Enterprise Linux 5 X64<br>Red Hat Enterprise Linux 5.5<br>Red Hat Enterprise Linux 5.5 X64<br>Red Hat Enterprise Linux 6.1 X64 |
| **Additional requirements** | Database: Microsoft SQL Server 2005 Service Pack 3 (Windows only), Microsoft SQL Server 2008 Service Pack 3 (Windows only), Microsoft SQL Server 2008 Service Pack 3 (64-bit—Windows 64-bit only), Microsoft SQL Server 2008 R2 Service Pack 1 (Windows only), Microsoft SQL Server 2008 R2 Service Pack 1 (64-bit—Windows only), Oracle 11g Release 1 (Linux only), Oracle 11g Release 2 (Linux only), Oracle 11g Release 2 (64-bit—Linux only), MySQL Enterprise Server 5.1 (Linux and Windows—up to 1,000 devices supported), and MySQL Enterprise Server 5.5 (Linux and Windows—up to 1,000 devices supported) |
| **Notes** | The IMC Enterprise version includes the Extended API capability by default. Customers with the IMC Standard version need to register the Extended API License in order to enable this feature. |
| **Services** | Refer to the HP website at www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office. |

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