



EVASoft Integration Specification

The purpose of this specification is to enable different software programs to pass patient information to EVASoft Image Management Software using UDP. Once a message has been received, the patient will be added or updated in the database, and set as the active patient.

The database is based on a patient ID alphanumeric string. To add a new patient or to update an existing patient's information, the patient ID and first name **must** be provided. The field separator **must** be a comma.

The supported data fields are:

Patient ID	(any alphanumeric values, up to 64 characters) (required field)
First Name	(any alphanumeric values, up to 64 characters) (required field)
Last Name	(any alphanumeric values, up to 64 characters)
Birth Date	(format: MM/dd/yyyy)
Gender	(valid values: female, f, male, m)
Address	(any alphanumeric values, up to 1024 characters)
City	(any alphanumeric values, up to 1024 characters)
State/Province	(any alphanumeric values, up to 1024 characters)
Zip/Postal Code	(any alphanumeric values, up to 1024 characters)

UDP Protocol

To begin, start the EVASoft or ViewAll Vet program. This will start our UDP server to listen on Port **35678**. The server will wait for a client to send a UDP message. All messages sent **MUST** specify the localhost; otherwise all running processes of the software will add the patient.

A UDP message must consist of the following 4 fields:

Prefix: REQUEST01123581321

UDP Version: ex "0.1b"

Type: "pmaddpatient"

Patient info as defined above

Also, use a Field Separator of "~~~" is **required**.

Example UDP messages:

**REQUEST01123581321~~~0.1b~~~pmaddpatient~~~15236,Jane,Doe,05/12/1975,female,125
Clearbrook Road,Elmsford,NY,10591**

**REQUEST01123581321~~~0.1b~~~pmaddpatient~~~5987HUTL,John,Smith,9/23/1985,m,355
Rue McGill,Montreal,QC,H2Y 2E8**

For questions or assistance, please contact:

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