

# Job Description

Position title:	Position reports to:	Position starting date:	Position status:
Core Developer	Core Team Lead	ASAP	New position

## 1 - Job Introduction

The core developer is responsible for designing and developing new features in the Flumotion streaming server, the Flumotion streaming platform (which provides load balancing and high availability), as well as maintenance and bug fixing in the currently deployed version.

## 2 - Company Introduction

Flumotion, part of the Fluendo multimedia services group, is a Spanish company with its headquarters in Barcelona (see <http://www.flumotion.com/>).

Flumotion offers an innovative streaming server and platform uniquely suited for companies who want to stream their audio and video content via Internet. Flumotion has developed a multi-format distributed streaming platform, with support for the increasingly popular royalty-free Ogg/Vorbis/Theora codecs, as well as Windows Media, MP3 and Flash formats.

This unique streaming platform has been the result of more than two and a half years of investment in R & D. In less than 8 months, Flumotion has won top Media & Entertainment companies like Antena3, RTVE, LaNetro-Zed, and CBNews.

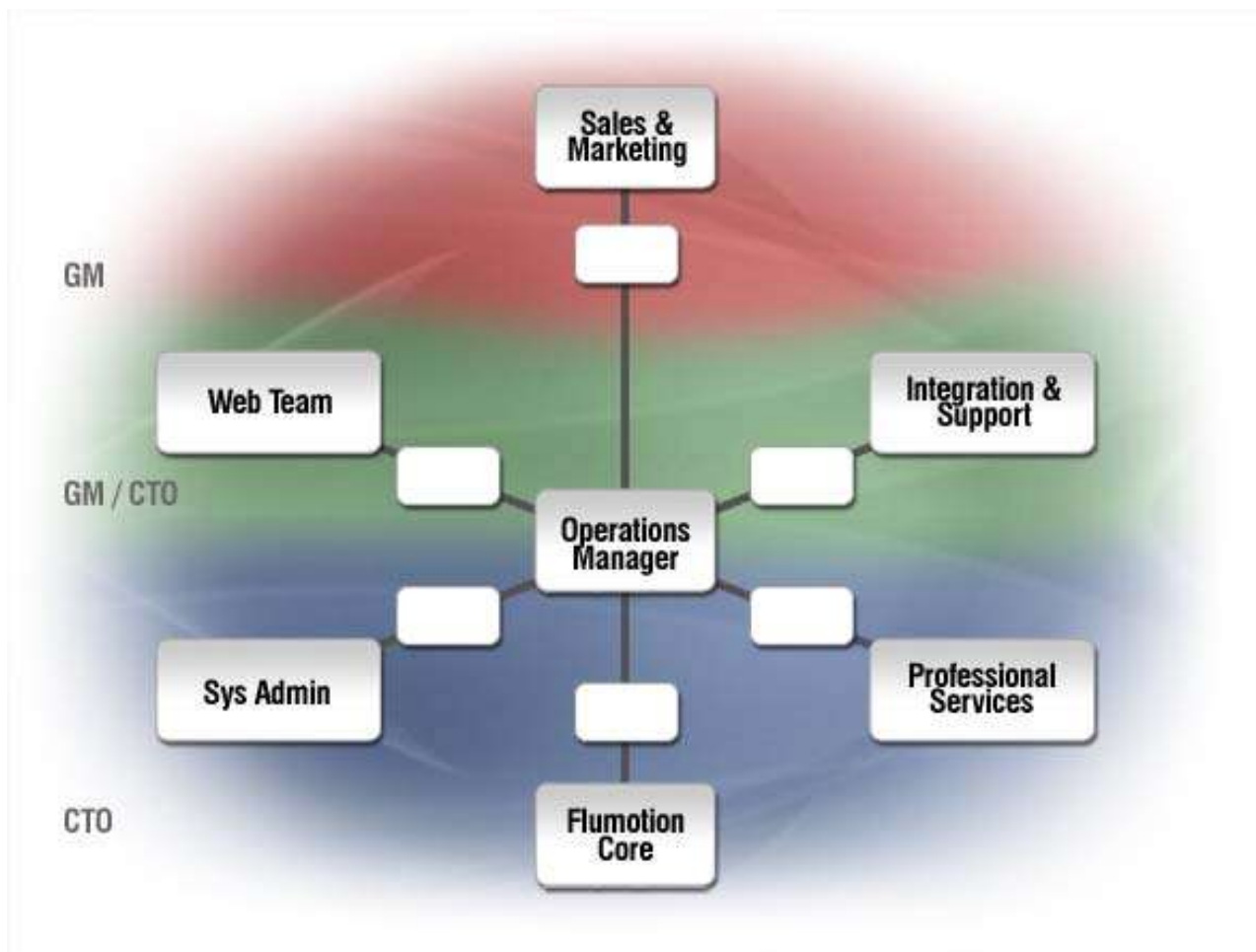
### Company Organization

The company is organized into the following teams, connected by the **Operational Manager**:

- **Core Development** team: developers working on the longer-term features and scalability of the software
- **Professional Services** team: developers working on short- or medium-term platform features for customers
- **Sysadmin** team: the team in charge of deployment and maintenance of software and hardware, upgrades, monitoring, and system administration

- **Web Development** team: developers working on the backoffice, customer portal, and customer-specific web applications in coordination with the Professional Services team
- **Integration and Support** team: engineers responsible for integrating new customers into our streaming platform, and handling support requests from customers
- **Sales and Marketing** team: the team responsible for selling the platform to customers, gathering the initial requirements from customers, and building our brand in the market

See the organizational chart below for an overview.



### 3 - Main Responsibilities:

The Core Development Team is responsible for developing the core functionality of the streaming platform. This includes both the Free Software version of Flumotion, the streaming server software, as well as the proprietary add-on and management software that provides clustering, high availability and load balancing, and the transcoding server.

Our platform is a loosely-coupled cluster system, designed to deliver tens of gigabits per second to end users across the globe. It is written mostly in Python (using Twisted), and runs on Linux servers.

Responsibilities of the team include:

- Planning and developing new cycles of the platform code base
- Bug fixing of the platform code base cycle currently in production
- Provide API and documentation to the other teams using the software in production
- Assist in documenting procedures for deployment and use of the platform
- Assist in incident analysis and resolution
- Assist in testing and quality assurance

### 4 - Job Advantages:

- Opportunity to be part of a quickly growing technology company
- Work as part of a team of highly skilled and experienced Open Source and streaming specialists
- Directly affect the health and performance of the whole company

### 5 - Position Requirements (skills, characteristics):

- Good English speaking skills are required
- Relocation to Barcelona required
- Experience with software development in one or more of: multimedia systems, Linux/UNIX, Python, Twisted, Web services, distributed systems



## 6 - Position Special Skills (for identifying TOP candidates):

- Experience with audio/video/multimedia
- Must be able to work well under pressure while maintaining a professional demeanor
- Ability to multi-task
- Excellent verbal and writing skills in Spanish, a third language will be a plus
- Experience with multimedia frameworks (e.g. GStreamer, DirectShow, QuickTime)
- Experience developing with Twisted

## 7 - Compensation Plan:

- Permanent contract
- Standard fixed salary
- Private health care
- Stock options
- Spanish and/or English classes

