

**arl: products: G\*F: GSF: WebCamServer**

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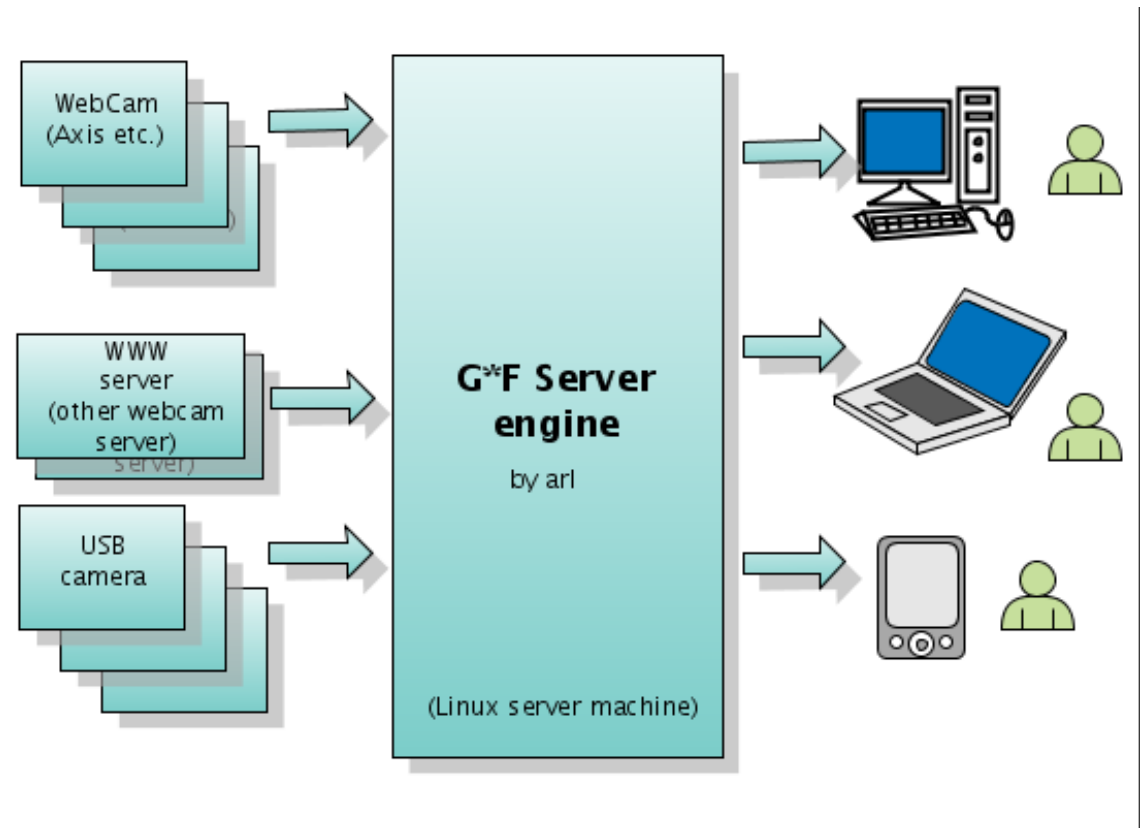
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## WebCam server

WebCam streamer and multiplexer.



## Functionality

System connects using different connectors to data source which is sent to multiple customers.

Often due data source software, bandwidth, or protection, the data source itself may not or can not be connected directly to Internet.

## Capabilities

- Extremely reliable - 3+ years server software uptimes reached.
- Disconnects the actual camera stream if there are no readers/clients.
- Uses multitude of GSF connectors; loadable using configuration - naturally dynamically.  
stream source i.e. information sent (camera etc.) is connected using connector. Currently different http connectors for connecting to net cameras or other servers, and file source connectors, which may be used for feeding a single file or file sequence.
- Works (tested) with:
  - Axis 200+
  - Axis 2120
  - Axis 241QA
  - Bosch VIP X1
  - GSF WebCamServer
- The system will support unlimited number of clients.  
Client may use Nasduk applet, or just plain WWW browser. Stand-alone programs may also be used.
- Shows customizable error image if no camera connection.
- Image size or resolution does not matter.
- Able to customise to client needs - camera support, multiple protocols, etc.
- Extremely modular implementation.
- Extreme support.

### **additionally**

- Stream recording.
- Recorded stream editing.
- Recorded stream playing.

## Dependencies

Uses [aow](#) interfaces for abstraction.

## References

### **www.lumimailma.com**

Has been up and running since fall 2002.

[view using Nasduk applet](#) | Firefox, Netscape, Mozilla: [view using browser](#)

[Axis 200+ webcam](#)

### **Jukolan viesti 2004 (sports event)**

Used 3 WebCams for the event. Quite heavy load, so limited the server to send single image ~30kB around 4 second interval, because network capacity from the server to clients was full (10Mbit/s Ethernet).

**Sales, Prices**

Contact Netorek Ltd. [\[here\]](#).

**Keywords**

WebCam multiplexer, webcam multiplexer, WebCam server, server for webcam.

**See also**

- [Nasduk - WebCam viewer](#)