LLC “Erlyvideo”

A Russian company, one of the world’s leading developers of software for transcoding, delivery and video streaming storage
LLC “Erlyvideo”

- **12 years** of experience in the market
- **60+** Employees
- Focused on one core product – Flussonic Media Server
- **50,000 servers** deployed all over the world with the ability to serve quarter-billion users simultaneously
- With the ability to implement video transmission projects of any complexity
LLC “Erlyvideo”

Our software is used in **more than 100 countries** around the world for broadcasting TV programs, streaming live events, distance education, telemedicine, video surveillance, and many more
Company structure

- Commercial Department
- Flussonic Media Server Core Development
- Technical Support Department
- Flussonic Watcher Software Development
- Administrative Department
Team

2013: 2
2014: 4
2015: 7
2016: 16
2017: 18
2018: 24
2019: 35
2020: 48
2021: 60

flussonic
Financial Performance

<table>
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<tr>
<th>Year</th>
<th>USD</th>
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<tbody>
<tr>
<td>2013</td>
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<td>2014</td>
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<td>2021</td>
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Technology & Team

- Software company – we are proud of our technology stack!
- Highly experienced software developers
- **Erlang - Ericsson language** (high-load, parallel processing, scale)
- NVIDIA Partner
- Intel Media SDK
- **Rust** programming language - **Iris camera firmware**
- Rigid release schedule - **12 releases per year**
  - Constant improvements
  - 10-20+ new features every month
  - Check out our changelog!
Use Cases

**IPTV**
- **B2B** - backhauling, distribution, carriage, hospitality
- **B2C** - distribution

**UGC (User-Generated Content) & Live Events**
- **Simulcast.** One-To-Many; the latency is less than a second
- Restreaming to **Social Networks** and **Online Video Platforms**

**Content Delivery Networks (CDN)**

**Cloud** Video Surveillance & **Custom CCTV** Camera firmware
Flussonic Media Server

- Swiss army knife for video streaming
- Accepts all major protocols and codecs
- Delivers video to all current playout devices and softwares
- Can be used for building CDNs (vertically and horizontally scalable)
- Multicast & unicast streaming
  - Fragment and frame-by-frame based protocol
- Sub-second delay
What Stands Us Apart – Technology

- Erlang programming language (Ericsson Language)
  - High load applications
  - Parallel processing, concurrency
  - Memory management
  - Works on:
    - X86
    - ARM64
    - RISC

- Issues handling. Supervision tree with escalating model.
- Functional language = rapid development
- Just-in-time packaging
Business model

**CAPEX**
- Perpetual license + first year support and maintenance contract

**OPEX**
- Monthly subscription

**Special offers for resellers and partners**
- OEM/Whitelabel version of the product
- Custom integrations
Flussonic Coder

- **Maintenance-free** hardware transcoder
- Low power consumption – **200 watt**
- Based on **NVIDIA® Jetson™ TX2 SoC**
- Transcode **48 fHD or 96 SD sources** to frame-aligned streams for OTT delivery
- **High** density
- **Easy** scaling
- **Seamless** source switching support
- Learn more about [Flussonic Coder](#)
Flussonic Watcher

- Deploy your own white label video surveillance system, on-premise or in the Cloud

- Subsidize IP cameras for your subscribers and charge them per month, per camera, per depth of archive (same model as STBs)

- Implement smart city projects, broadcasts from socially significant objects, optimize business processes using video analytics
Flussonic Watcher

- **AGENT Module**: the modification of the original firmware of IP cameras for direct and secure connection to the server, without NAT settings.

- **IRIS Firmware**: firmware for IP cameras for Plug&Play connection

- Connecting **any RTSP** camera

- Mobile app with branding options and ready-to-use Web application

- API & SDK: developers kit for integration with 3rd-party software solutions (billing, ERP, CRM, etc)

- **Remote centralized control** camera management

- Built-in [video analytics](#) for analyzing the behavior of people and vehicles in real time

- Advanced **role management system** to provide service for multiple customers on one single installation
Flussonic Cameras

- Pre-installed Flussonic Agent from factory
- Connection encryption
- Plug&Play connection via the mobile app
- Learn more about Flussonic Cameras