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
- Flussonic Watcher Software Development
- Technical Support Department
- Administrative Department
Financial Performance

- 2013: USD 0.01M
- 2014: USD 0.11M
- 2015: USD 0.3M
- 2016: USD 0.85M
- 2017: USD 1.08M
- 2018: USD 1.16M
- 2019: USD 1.74M
- 2020: USD 2.37M
- 2021: USD 3.11M
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
Success cases

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<th>ALJAZEERA</th>
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