rsyslog Goes AI First — A New Chapter Begins

By Rainer Gerhards   Posted on July 9, 2025   Posted in AI/ML, News, Top News

After 24 months of focused evaluation and careful experimentation, we're excited to announce a major shift in the evolution of rsyslog: **we're going AI First**.

This marks the beginning of a strategic transformation in how we design, develop, and support rsyslog and its ecosystem. While today's post is just a short announcement, it lays the groundwork for a series of updates to follow — including deep dives into what we're doing, why, and how it benefits you.

rsyslog follows an AI First strategy.

Why AI, and Why Now?

We believe that AI is no longer a hype cycle — it's a practical, reliable tool for system-level projects like rsyslog. Over the past year, we've quietly used AI to:

- Assist in targeted coding tasks
- Improve and modernize parts of our documentation (you possibly have seen hints of this on our website)
- Streamline support-related workflows internally

Two months ago, we decided that the technology is finally mature enough to take center stage in rsyslog development. Since then, we've:

- Upgraded the repository for AI agent compatibility (automated review and more)
- Restructured key parts of the codebase
- Built new functionality with heavy AI assistance
- Developed a full base strategy for AI integration
- Identified high-impact areas where AI will support log processing and observability

What This Means for the Community

We're not just using AI for ourselves. A major part of this shift is about **making rsyslog easier to use, extend, and contribute to** — especially for new users and developers. Expect smoother onboarding, improved clarity around configuration and modules, and powerful new tools for automated log understanding and transformation.

We're also aligning closely with Adiscon, our commercial sponsor and professional services provider, to **extend support offerings into the AI space**, ensuring that enterprise users can take full advantage of these changes.

What's Next?

This is just the beginning. Over the coming weeks and months, we'll share detailed updates on our strategy, tools, and how AI is shaping the future of logging.

We invite you to **follow the journey**, try the new features, and spread the word. If you've ever thought about contributing to rsyslog — now might be the best time.

Stay tuned.

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