



Product Datasheet

SyntaxShift is a web-based tool for the automated translation and analysis of PLC programs. In the current product version, SyntaxShift supports the translation of IL into ST and SCL.

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| KS Solutions AG Tiefenthalhof 1 79268 Boetzingen Germany www.k-s-solutions.com info@k-s-solutions.com | Portal https://apps.syntaxshift.k-s-solutions.com/ One-time purchase fee: EUR 700 Subscription: EUR 120 per month Term: 12 months with automatic renewal |
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Long Description

SyntaxShift analyzes existing IL programs, automatically detects language structures and functional relationships, and converts the code into ST or SCL in a structured manner. This significantly reduces time, cost and risk compared with manual redevelopment. The product is especially suitable for retrofit projects, modernization initiatives and the controlled replacement of long-lived legacy control logic.

Best Suited For

- PLC programmers
- Automation engineers
- Retrofit and modernization teams
- Technical project owners in machinery and plant engineering

Typical Use Cases

- Translation of existing IL programs into ST
- Translation of existing IL programs into SCL
- Modernization of existing control logic in retrofit projects
- Analysis and traceability of legacy IL code

Language Support

- Source language: IL
- Target languages: ST (Structured Text) and SCL

Key Features

- Import of existing PLC programs
- Automatic analysis of code structures
- Detection of functional relationships in IL code
- Structured translation from IL to ST
- Structured translation from IL to SCL



- Web-based usage without local installation

Technical Properties

- Online, web-based tool
- Supports all CODESYS versions
- Language-aware and structure-aware code analysis
- Suitable for medium to large project sizes

Licensing and Pricing

- One-time purchase fee: EUR 700 upon initial purchase
- Ongoing subscription: EUR 120 per month
- Minimum term: 12 months
- Automatic renewal for successive 12-month periods unless cancelled in text form 30 days before the end of the current term
- The one-time purchase fee is charged only on the initial purchase and not again on renewals
- Usage limit: 1,000,000 tokens per month

Support

- Support via email at info@k-s-solutions.com
- Support is provided on a best-effort basis
- Requests are handled on regular business days
- No guaranteed response or recovery times apply
- Support covers activation, access, issue intake and general product questions

Activation

- Open the portal at <https://apps.syntaxshift.k-s-solutions.com/>
- Select "Log in" if an account already exists or create a new account via "Register"
- Enter the email address and password
- Enter the product key from the order confirmation into the "Enter product key" field
- Click "Activate"
- After successful activation, SyntaxShift is available directly in the portal