**sat-nms DDK - Driver Development Kit**

The *sat-nms* DDK Driver Development Kit provides an environment allowing you to build up drivers and protocols for the *sat-nms* MNC Monitoring & Control and *sat-nms* NMS Network Management System in a comfortable way.

All the features that are standard in a convenient development environment are integrated. Syntax highlighting, code completion, context sensitive help, etc. support you to configure new drivers and protocols in a quick and easy way. The environment is based on Java and therefore, the only thing you need to apply for the development kit is a Java runtime environment. The *sat-nms* DDK is already configured so you only have to adapt the paths that are needed for compilation and debugging. After customization, all functions are available and can be used in a very easy way.

**System Requirements**

<table>
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<tr>
<th>Operating System</th>
<th>Linux, Windows</th>
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<tr>
<td>RAM</td>
<td>256 MB (minimum), 512 MB (recommended)</td>
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<tr>
<td>Processor</td>
<td>Intel Pentium II/500 MHz or higher</td>
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<td>Java Runtime Environment</td>
<td>1.4 or higher and 1.1.8 with lib-serial for <em>sat-nms</em> Server</td>
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**Key Features**

- Syntax Highlighting
- Code Completion
- Context Sensitive Help
- Short help for *sat-nms* Keywords
- Integration of *sat-nms* Help Files
- Wizard to create new Projects
- Templates for device and protocol Files
- Access of the *sat-nms* device- and protocol Compiler
- Error Display and Error Emphasizing

**Applications**

- Configuration of communication protocols for *sat-nms* MNC and *sat-nms* NMS Systems handling the protocol frame including addressing or checksums for the communication between device and server.
- Configuration of device drivers for *sat-nms* MNC and *sat-nms* NMS Systems defining the parameters the operator may inspect or control at the device and contains the I/O routines to exchange these parameters with the device.

**Contact Information**

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