

DESTO/DEBJE

Open Source Software

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Software name	License	Comment
/ Version		
MySQL / 5.5	GPL	<p>Used to store data (informations about portal clients, events, portal users, ...). Provides a tcp interface for MySQL clients.</p> <p>No changes to the source code of MySQL will be made.</p>
Varnish / 3.0	2-clause BSD	<p>Used to cache static files (CSS, Images, JavaScript) which are used in the web frontend.</p> <p>Acts as a proxy between the Nginx load balancer instance and the Nginx + php-fpm instances which provide the web frontend. Communication is based on protocol level (HTTP).</p> <p>No changes to the source code of Varnish will be made.</p>
Redis / 2.6	3-clause BSD	<p>Used as a message queue and binary cache for PHP objects. Provides a tcp interface for Redis clients.</p> <p>No changes to the source code of Varnish will be made.</p>
PHP / 5.3	PHP (BSD-style)	<p>Used to process HTTP requests. Basic functionality of the ISPf will be created using the PHP programming language. PHP is used as a source code interpreter.</p> <p>No changes to the source code of the PHP interpreter will be made.</p>
Nginx / 1.4	2-clause BSD	<p>Used for SSL offloading and providing a reverse proxy/load balancer capability in front of the complete server stack (web frontend, HTTP</p>

		<p>API endpoint, websocket server). Nginx is also used as webserver for the HTTP API endpoint and web frontend of the ISPf. Accepts TCP/HTTP(S) connections. Nginx also acts as an intermediate to the PHP interpreter (communication via TCP).</p> <p>No changes to the source code of Nginx will be made.</p>
Symfony2 / 2.3	MIT	<p>Symfony2 is a framework based on the PHP language. It is used to establish a better structure of the PHP program code within the web frontend and HTTP API-part.</p> <p>No changes to the source code of Symfony2 will be made.</p>
Node.js / 0.10	MIT	<p>Used to build a websocket server, to enable a bidirectional communication between Busch-Welcome IP-Gateway and KNX Security-Panel IP-Gateway. Node.js is used as a scripting language interpreter for JavaScript.</p> <p>No changes to the source code of Node.js will be made.</p>