

PREVAS SOFTWARE PLATFORM MAINTENANCE

- OE-lite Linux Services



OE-LITE LINUX MAINTENANCE

For all products relying on modern and complex software platforms, the issue of maintaining the SW Platform (BSP, Board Support Package) must be attended by the product owner.

Prevas recommends maintenance in a continuous flow for most products, this ensures:

- Updated security features.
- Lower cost of adding new features.
- Reduction of bug-fix costs.
- Higher source code quality.

OE-lite Linux was developed to ease long-term maintenance, but still for most product owners the technical skills required for this are often not on hand or future developments on value adding services are prioritized over platform maintenance. Likewise the tracking of the Linux community for a vast amount of driver, kernel, and module updates and changes are time consuming and hence very expensive, if it is done only for a limited number of platforms. These are reasons why product owners often lack platform upgrades on a continuous basis.

PREVAS MAINTENANCE SERVICE

The easy and economically reasonable choice for the OE-lite Linux Maintenance is to use the Prevas Maintenance Service, this ensures OE-lite Linux platform maintenance with:

- Fully updated software platform every 6 or 12 month for any product lifetime from 1 to +25 years.
- Fully tested deliveries.
- Bugfixing.
- Back-end software developer support.

With Prevas Maintenance Service, on a customized OE-lite Linux BSP, the product owner is ensured that cost and resources are stable on long-term basis, this through agreements about:

- Fixed price OE-lite Linux BSP maintenance.
- Prevas ensures long-term resource education:
 - Guaranteed number of OE-lite Linux developers at Prevas, including a large number of specialists.
 - Guaranteed number of developers with technical insight in the customer specific OE-lite Linux BSP.

The Prevas Maintenance Service typically uses one or two releases per year.

PREVAS SOFTWARE PLATFORM MAINTENANCE

- OE-lite Linux Pricing

PREVAS OE-LITE LINUX MAINTENANCE SERVICE PRICING

All maintenance agreements are customized, as no platform or partner is 100% similar. But still, the overall concept of maintenance is similar and, therefore, Prevas has setup a scheme to ease the customization and price calculation. Below is the scheme with a rough normal fixed price basis, indicated in number of hours expected to honor the agreement from Prevas' side.

Common maintenance is all the common features, (toolchain etc.) that is used for all the customers BSPs. Boards specific maintenance is the board dependent parts like kernel, bootloader, test, and release-procedures.

| Common maintenance (for all BSPs) | Price | Note |
|--|----------------------|--|
| IT infrastructure (Redmine, git, wiki, and backup) | 1 hour | Per month |
| Report evaluation, prioritizing, management, and communication between the departments. (During 2 month around a master release) | 6 hours | Per master release, per year |
| Running support (OE-lite Linux phone and e-mail support) | 3 hours | Per month (Can be excluded and handled on current account) |
| Base BSP upgrade and OE-lite evolution | 96 hours | Per year |
| Per year with one release total | 114-150 hours | Per year |

| Board specific (one column per board) | Board A | Board A | Board A | |
|--|------------------|------------------|--|-----------------|
| IT infrastructure (Redmine, git, wiki, and backup) | 1 hour | 1 hour | 1 hour | Per month |
| Board BSP upgrade | 96 hours | 96 hours | 22 hours | Per release |
| Report evaluation, prioritizing, management, and communication between the departments. | 6 hours | 6 hours | 6 hours | Per release |
| Master release (Final integration, test, documentation, process-handling, and delivery) incl. one bugfix release within 2 months after a master release. | 31 hours | 31 hours | 22 hours | Per release |
| Per year with one release total | 143 hours | 143 hours | 62 hours | Per year |
| Note | | | Only rootfs. Kernel and uboot is handled by customer and delivered to Prevas | |

This means that if a customer wants maintenance on Board A and C, without running support, the grand total in the example equals 319 hours in a fixed price agreement.