

# PROIV Change Management

## Key Features

- Prevent code overwrites
- Automatic backups
- Full audit trail
- Retrieve earlier versions of software
- Manage software releases
- Fully integrated into VIP

## Benefits

- Protect your work
- Easier maintenance
- More time to program
- Security
- Improved software quality
- Easier application deployment

PROIV Change Management extends the PROIV development environment to provide source code control, revision control, build tracking and release management. It provides rich functionality to manage the software change process, whilst operating in a way that is minimally intrusive to the software developer.

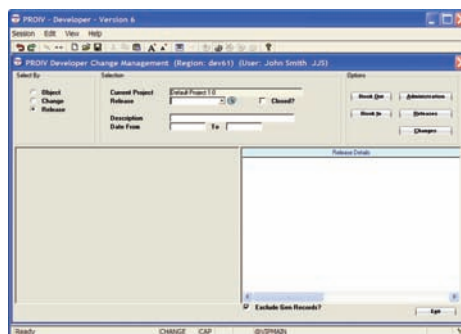
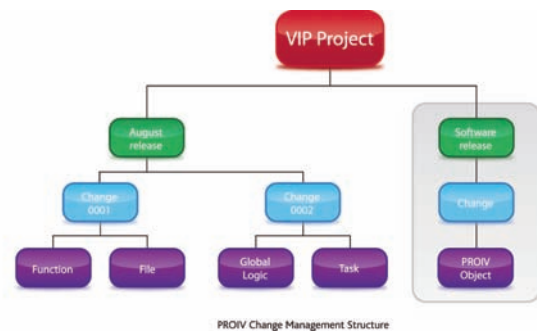
## Source code control

PROIV Change Management extends VIP's locking model so that all objects being worked on by a developer as part of a software change must be booked out to that developer. When booked out they are automatically backed up, and audit log records are created. This process ensures that only authorised changes to software can be made and at any time earlier versions can be retrieved.

## Project Management

All software objects requiring change are booked to a software "Change number". Multiple software changes can then be grouped up into a software release, which belongs to a VIP project.

PROIV Change Management enables everyone on the project to see who is working on what and helps managers track progress. An approval process is built in, so that only work that has been approved goes forward into a software release, so preventing incomplete developments being shipped.



A Change Console allows releases & changes to be maintained from a single location & provides a visual indication of statuses. In addition, authorised users may:

- Approve / un-approve changes & releases
- Import / export releases
- View audit logs
- Restore a previous version

### Release & Migration Management

PROIV Change Management helps you manage new releases of your application.

Individual changes or more commonly groups of changes are released from one PROIV environment to another. Multiple environments are supported and Change Management can migrate the changes between environments (note this facility may be restricted when environments exist on different machines).

A Release Console allows those responsible for software releasing to see at a glance where releases are across environments.

### Optional Services

Additional services are available, including installation and configuration, training and customisation. PROIV Change Management can also be integrated with third-party change management & source control tools.

