**Software Version Numbering Standard**

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# Purpose

This document defines the standard for software version numbering.

# Scope and Limitations

This document applies to LSG/CAG Software Products.  This does not apply to software embedded in instruments, software sub-components, or 3rd party software products that resold by Agilent.

# Responsibility

Responsibility for following this standard will be defined in other processes that reference it.

# Training Requirements

No specific training is required as this is a reference standard but not a process.

# Document References

Listed below are:

* Parent documents, higher level, that direct this document (P);
* Business documents, outside the CAG/LSG quality system but within the Agilent organization, that supplement this document (B);
* Sibling documents, same level, that supplement this document (S);
* Child documents that are driven by this document (C).

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| --- | --- | --- |
| **Document #** | **Title** | **P/B/S/C** |
| LSCA-QA100 | CAG/LSG Document Controls | P |

# Process Description

|  |  |
| --- | --- |
| Description | Identification |
| **“New Product”** is a new revision that changes the Software in one or more of the following ways:   * A significant architectural change * A technology change (e.g. 32-bit to 64-bit) * A substantial change in the use of the Software in its intended purpose | New Products are identified by a change in the version number before the first decimal point, such as B.04.03 to C.01.01. |
| **“Upgrade” or “Major Version”** is a revision to the software which adds significant new functionality and corrects errors but does not substantially affect the use of the Software in its intended purpose. | Upgrades or Major Versions are identified by a change in the version number after the first decimal point, such as A.05.01 to A.06.01. |
| **“Update”** or **“Minor Version”** is a revision to the software primarily to correct errors but may also include minor enhancements to existing features.   * Minor enhancements may include updating existing interfaces to enable new, separately-installed accessory software such as instrument drivers, application packages, file filters, etc. * Minor Versions do not introduce core new features.   A Minor Version is a complete software package that can easily update an existing installation.  Minor Versions are delivered with an impact analysis document indicating the impacted areas, their severity, as well as recommendation for system revalidation. | Updates or Minor Versions are labeled with an extra digit after the release number (e.g. B.04.02 to B.04.03). |
| **“Service Pack”** is the same as a Minor Version except that it is delivered as an incremental installation requiring the complete base software package to be already present. Service Packs include an impact analysis document, a recommendation for system revalidation, and the necessary instructions to enable installation by customers. | Service Packs are labeled as SP1, SP2, etc.. |

## Note: numbers start counting from 1, not 0

# Records

Unique records generated by this process are maintained according to the requirements of LSCA-QA104 CAG/LSG Quality System Records SOP and the Agilent General Retention Schedule (<http://legal.agilent.com/rim/retention_schedule.shtm>).

|  |  |
| --- | --- |
| **Records** | **GRS Records Number** |
| No unique records are produced as a result of this standard | |

# Document Control Information

This is a controlled document. Versions of this document prior to its import into the Knowledge Portal are considered draft versions.

Document Information:

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| Document Title: | Software Version Numbering Standard |
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Revision Log:

|  |  |  |  |
| --- | --- | --- | --- |
| Revision | Date | Reason For Update | |
| 03 | 30 Apr 2012 | To align with the intent of SMA (software maintenance agreement) entitlements:   * Lowered labeling of Major Version, Upgrade from letter change to first digit change. * Lowered Minor Version, Update from first digit to second digit. * Named letter change as “New Product” * Changed “functionality” to “significant new functionality” for Major Version. |
| 02 | 23 Dec 2011 | Added Document Control and updated footer with ISO requirements |
| 01 | Please click here[http://lsca-quality.business.agilent.com/ibs/images/clip_image002.gif](http://wcosedoc.cos.agilent.com/intradoc-cgi/idc_cgi_isapi.dll?IdcService=DOC_INFO_BY_NAME&dDocName=037798&RevisionSelectionMethod=LatestReleased) for information regarding previous revisions. | |

Approval:

|  |  |  |  |
| --- | --- | --- | --- |
| Revision | Name | Function, Title | |
| 03 | Quality Board:  Randy Wilson  Kristin Giffin  Renee Olson | Director, Global Regulatory Affairs  Senior Quality Manager, CAG  Senior Quality Manager, LSG |