

Requirements Gathering

1.1 Functional Requirements

The purpose of this chapter is to define the functional requirements. All known requirements must be collected.

Collect all relevant requirements from e.g.:

- *System requirements (System specifications and technical studies)*
- *Hardware requirements*
- *Platform requirements (e.g. network requirements)*
- *Software requirements*

1.2 Requirement Notation

Each requirement gets a unique requirement number (included in the requirement identifier). It is presented in table format:

Doc.No	Rel.	Pr	Mo	Requirement
				Ref.: <i>Reference</i>
				Rat.: <i>Rationale</i>

Requirement identifier:

Doc.No	Doc= 3 characters for the document name (i.e. for "Product AS" = PAS) No = 3 digits for a unique requirement number in this specification (eg. 001) or chapter/subchapter + 2 digits for a unique requirement number in that chapter (eg. 5.01 or 6.4.01)
Rel.	4 characters: Release where this requirement shall be fulfilled (i.e. C1.0)
Pr	1 character: Indicates the priority of the requirement. Four priority classes are defined M for mandatory, I for important, W for wish, N for non-requirement.
Mo	3 digits: document version where this requirement was added or last modified (i.e. 004 = added/last modified in PAS version 0.04d, useful to track changes in the requirement)

Requirement:

Ref.:	Points to the document and requirement/item number where this requirement is derived from.
Rat.:	Explanation for the requirement