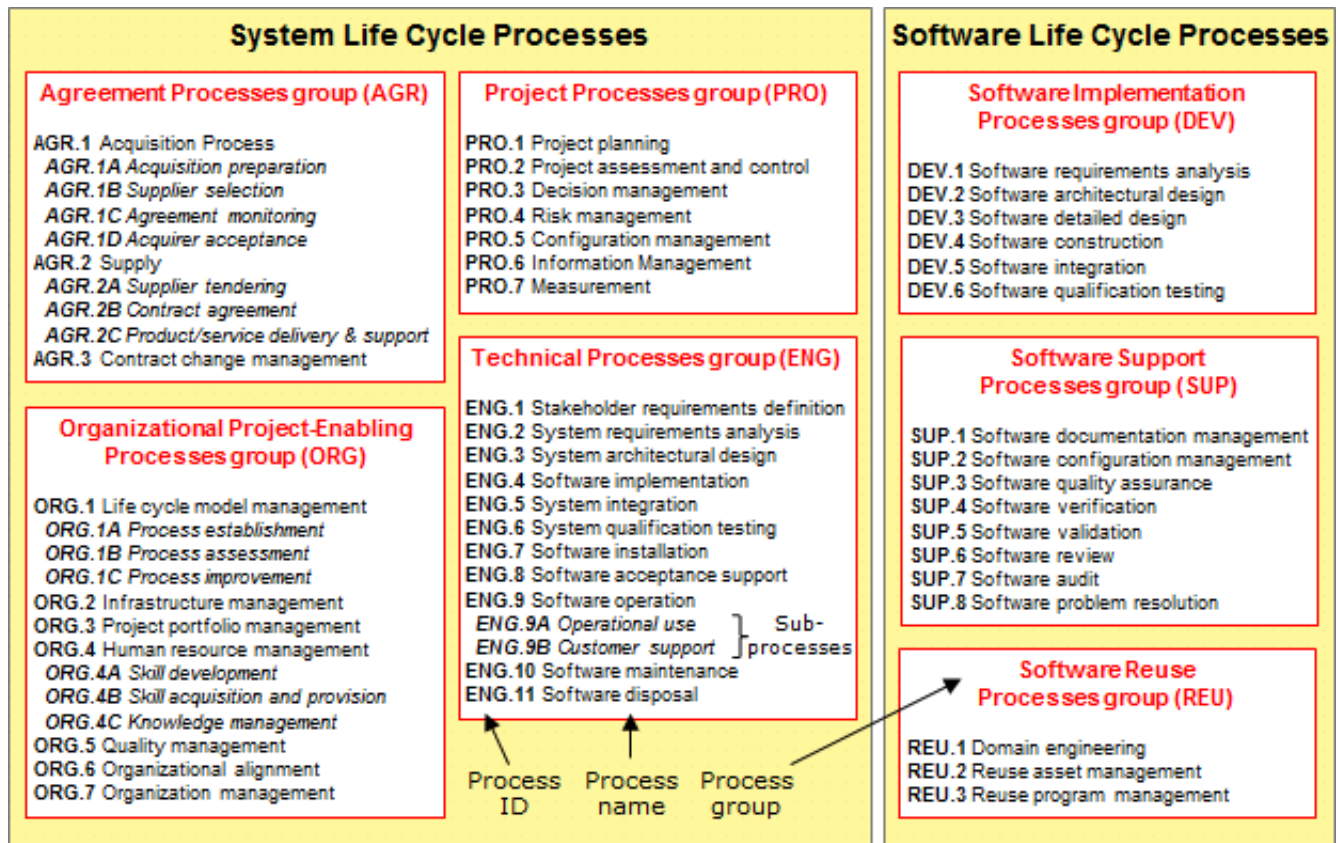# Personal Solution

Using the Personal Solution you can:

- Open a new assessment or
- Open an existing Assessment
- Select among the processes
- Enter your ratings
- Read the definitions and explanations
- Evaluate your assessment ratings
- Have a look at the charts and evaluations
- Print the charts
- Copy pictures (charts) to clipboard or save to disk to create your own assessment report
- Copy data to clipboard or save to disk in SPiCE format to create your own charts, e.g. with Excel
- Export function to send all data (including definitions, explanations etc.) to textfile or html format.

SPICE 1-2-1 contains those 60 processes defined by ISO/IEC IS 15504 regarding your software production:

System Life Cycle Processes

Agreement Processes group (AGR)

AGR.1 Acquisition Process
  AGR.1A Acquisition preparation
  AGR.1B Supplier selection
  AGR.1C Agreement monitoring
  AGR.1D Acquirer acceptance
AGR.2 Supply
  AGR.2A Supplier tendering
  AGR.2B Contract agreement
  AGR.2C Product/service delivery & support
AGR.3 Contract change management

Organizational Project-Enabling Processes group (ORG)

ORG.1 Life cycle model management
  ORG.1A Process establishment
  ORG.1B Process assessment
  ORG.1C Process improvement
ORG.2 Infrastructure management
ORG.3 Project portfolio management
ORG.4 Human resource management
  ORG.4A Skill development
  ORG.4B Skill acquisition and provision
  ORG.4C Knowledge management
ORG.5 Quality management
ORG.6 Organizational alignment
ORG.7 Organization management

Project Processes group (PRO)

PRO.1 Project planning
PRO.2 Project assessment and control
PRO.3 Decision management
PRO.4 Risk management
PRO.5 Configuration management
PRO.6 Information Management
PRO.7 Measurement

Technical Processes group (ENG)

ENG.1 Stakeholder requirements definition
ENG.2 System requirements analysis
ENG.3 System architectural design
ENG.4 Software implementation
ENG.5 System integration
ENG.6 System qualification testing
ENG.7 Software installation
ENG.8 Software acceptance support
ENG.9 Software operation
  ENG.9A Operational use   } Sub-
  ENG.9B Customer support   } processes
ENG.10 Software maintenance
ENG.11 Software disposal

Process ID   Process name   Process group

Software Life Cycle Processes

Software Implementation Processes group (DEV)

DEV.1 Software requirements analysis
DEV.2 Software architectural design
DEV.3 Software detailed design
DEV.4 Software construction
DEV.5 Software integration
DEV.6 Software qualification testing

Software Support Processes group (SUP)

SUP.1 Software documentation management
SUP.2 Software configuration management
SUP.3 Software quality assurance
SUP.4 Software verification
SUP.5 Software validation
SUP.6 Software review
SUP.7 Software audit
SUP.8 Software problem resolution

Software Reuse Processes group (REU)

REU.1 Domain engineering
REU.2 Reuse asset management
REU.3 Reuse program management

More than 500 definitions and explanations cover software quality management and software engineering. The active and passive help system guides you through the questionnaire. You can make notes which will help you interpreting your results.

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