

Estimated achievable cost- and throughput time reduction (RC-ACMS versus paper-based)

Product	Cost reduction	Cost reduction enablers	Throughput time reduction	Throughput time reduction enablers
Asset & Configuration Management	35%	<ul style="list-style-type: none"> Required content elements enforced (“right first time”) Automated baseline reporting Certain properties are updated automatically through actions in other products (e.g. validation) 	50%	<ul style="list-style-type: none"> System Management Dashboard
Validation Master Planning	75%	<ul style="list-style-type: none"> Required content elements enforced (“right first time”) Inventory list is generated automatically based on data of asset & configuration management module Automated document generation 	85%	<ul style="list-style-type: none"> Alerts (incl. escalation) for VMP updates Automated document review and approval workflow Alerts (incl. escalation) for review and approval
Validation & Qualification	50%	<ul style="list-style-type: none"> Required approach for a given system is determined automatically Required content elements enforced (“right first time”) System information is retrieved automatically from the asset & configuration management module Reuse of existing documents, requirements, risk items and test cases Traceability Matrix is generated and updated automatically Automated document generation Automated test management, registration and verification, incl. defect handling Central location for easy retrieval / searching for documents 	60%	<ul style="list-style-type: none"> Automated document review and approval workflow Validation Dashboard Test management functionality Automated test registration and verification workflow Alerts (incl. escalation) for review and approval Alerts (incl. escalation) for milestones and actions (e.g. related to defect handling)
Calibration, maintenance, cleaning, periodic inspection, business continuity, training, security, archiving, backup and restore, use	25%	<ul style="list-style-type: none"> Automated scheduling and generation of tasks Automated registration of (un)planned tasks (“electronic logbook”) Required content elements enforced (“right first time”) Automatic trend analysis Central location for easy retrieval / searching for results 	35%	<ul style="list-style-type: none"> Alerts (incl. escalation) for tasks System Management Dashboard

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Call, Incident and Problem Management	40%	<ul style="list-style-type: none"> Automated registration of calls, incidents, problems and resolution (“electronic logbook”) Automated assignment of tasks for resolution Required content elements enforced (“right first time”) Automatic trend analysis Central location for easy retrieval / searching for calls, incidents and problems 	50%	<ul style="list-style-type: none"> Alerts (incl. escalation) for tasks System Management Dashboard
Service Level Management	35%	<ul style="list-style-type: none"> Required Service Level Agreement (SLA) content elements enforced (“right first time”) Automated document generation Central location for easy retrieval / searching for SLA’s Automated scheduling and generation of tasks for periodic SLA performance reviews Information for SLA performance reviews is retrieved automatically from the other products 	45%	<ul style="list-style-type: none"> Automated SLA review and approval workflow Alerts (incl. escalation) for SLA review and approval Alerts (incl. escalation) for SLA performance review System Management Dashboard
Change Control	60%	<ul style="list-style-type: none"> Required approach for a given system is determined automatically Required content elements enforced (“right first time”) Reuse of existing documents, requirements, risk items and test cases (incl. those from initial validation) Automated Traceability Matrix Automated document generation Automated test management, registration and verification, incl. defect handling Central location for easy retrieval / searching for documents 	70%	<ul style="list-style-type: none"> Automated document review and approval workflow Test management functionality Automated test registration and verification workflow Alerts (incl. escalation) for review and approval Alerts (incl. escalation) for actions (e.g. related to defect handling) Change Control Dashboard

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Retirement	50%	<ul style="list-style-type: none"> Required approach for a given system is determined automatically Required content elements enforced (“right first time”) Reuse of existing test cases Automated document generation Automated test management, registration and verification, incl. defect handling Central location for easy retrieval / searching for documents 	60%	<ul style="list-style-type: none"> Automated document review and approval workflow Test management functionality Automated test registration and verification workflow Alerts (incl. escalation) for review and approval Alerts (incl. escalation) for actions (e.g. related to defect handling) Retirement Dashboard
Periodic Review	75%	<ul style="list-style-type: none"> Required approach for a given system is determined automatically Required content elements enforced (“right first time”) Items to be reviewed are retrieved automatically from the other products Automated document generation Central location for easy retrieval / searching for documents 	80%	<ul style="list-style-type: none"> Alerts (incl. escalation) for periodic review initiation Alerts (incl. escalation) for document review and approval Alerts (incl. escalation) for actions Periodic Review Dashboard
Management Reporting	80%	<ul style="list-style-type: none"> Automatic generation and distribution of periodic company-, department-, section- and system-level performance reports based on information which is retrieved automatically from the other products Customizable management reports Compliance Management Dashboard 	90%	<ul style="list-style-type: none"> Alerts for reports