

aCIP[®] consultancy approach

How to achieve a well balanced and cost effective security solution that really fulfils the requirements without overkills

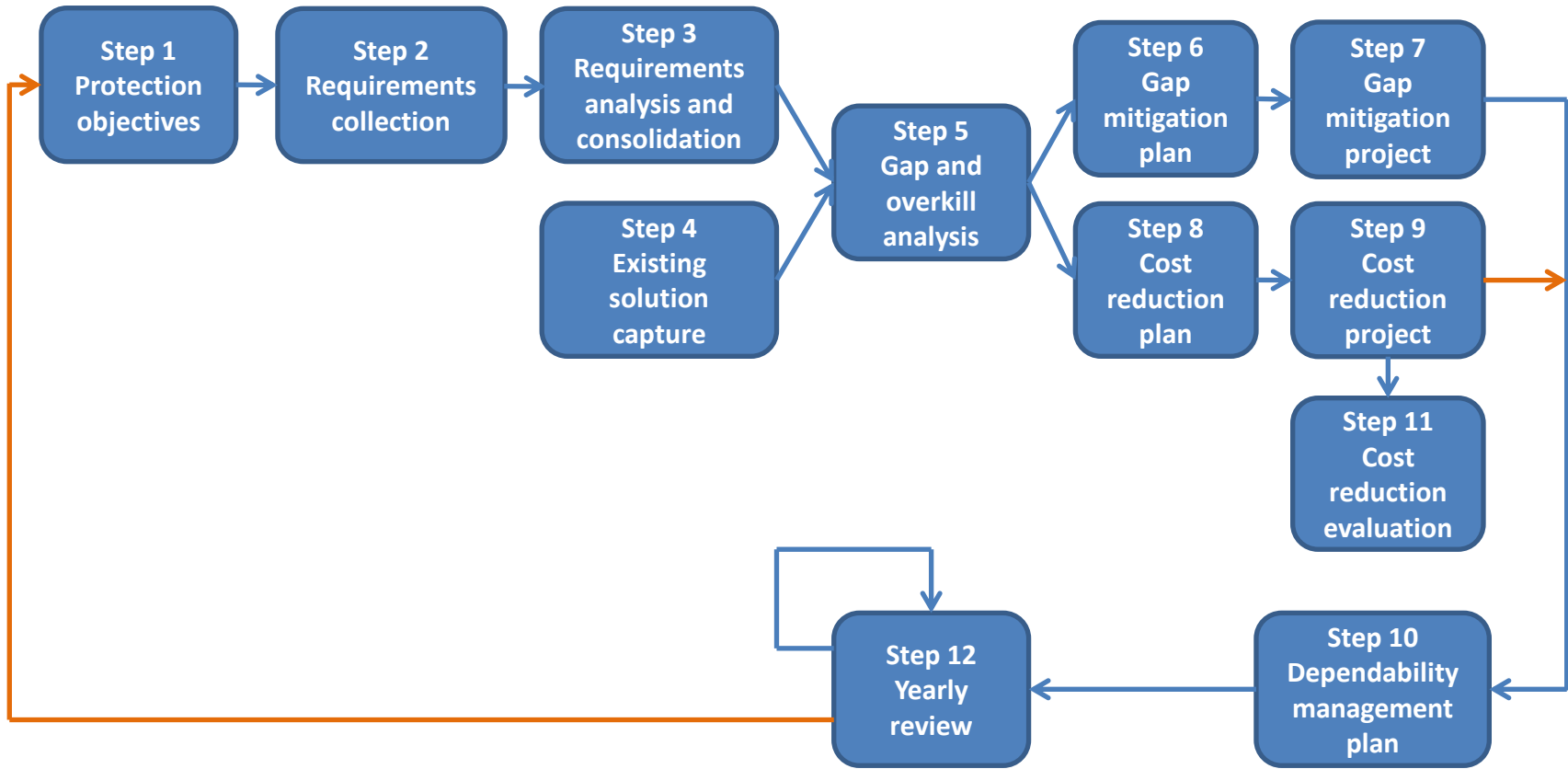


Expected outcome and advantages

- A modern and efficient security solution in operation
- Proven fulfilment of all relevant requirements (now and in future)
- Savings by removal of overkills
- A lower than expected consultancy cost thanks to:
 - Well proven, structured and efficient methodology
 - All tasks well defined and prepared
 - Most reports generated automatically from database
 - All data always entered and updated at one single place only
 - If the customer so wish, its own staff can do significant parts of the job
- Even more efficient as the future changes
 - Just to add, remove and modify the data
 - All reports are already there, they will just be filled with updated information

The 12 steps for optimized security

- At the end of each step the customer can decide to proceed to next step or abort
- Each step includes a cost estimate for next step
- Weekly progress, cost and spent hours report
- The full program or only certain steps can be completed, totally up to the customer
- From very high to very low involvement of customers own staff



1 – Protection objectives

WBS	Tasks	Description
1.1	Collect objectives from customer	
1.2	Analyse objectives	Identify and manage: 1 - Contradictions 2 - Obvious overkills
1.3	Validate objectives	Each objective shall meet the following criteria: <u>Realistic</u> It does not make unjustifiable demands on the target system. <u>Achievable</u> It should be possible to meet the objective within the bounds of current or emerging technology without unreasonable cost. <u>Measurable</u> Once an objective has been met, it should be possible to view or otherwise validate its effect on the target system either directly or indirectly. <u>Relevant</u> It should be directly related to the general security of the target system and its environment AND it should not detract from the overall purpose of the target system.
1.4	Create ONE unified list of protection objectives	
1.5	Estimate cost and timeline for “Step 2 - Requirements collection”	
1.6	Sign off	Review and approval by customer
1.7	Decision gate	Proceed to “Step 2 - Requirements collection” or abort
Code	Deliverables	Minimum customer involvement
1.A	Unified protection objectives	Hand over objectives
1.B	Protection objectives, their source documents and relevant relations added in aCIP® database.	Review and sign off
		Decision to proceed or abort

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Model: Bearcreek Nuclear


Models Database Settings Users Text

Main grid 001.A Unified protection objectives

1 of 2

001.A Unified protection objectives

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Fulfillment	State	Unified code	Text
●	●	Objective 1	<p>Ensure there is Executive level sponsorship for security</p> <p>The Bearcreek Nuclear security programme will be authorised and supported by the Bearcreek Nuclear CEO and Executive Management Team. This ensures that the security of Bearcreek Nuclear people, processes, information and technology is considered a key area of delivering services to Bearcreek Nuclear customers, staff and the wider industry. Nominated delegates will be responsible for the implementation and maintenance of the Bearcreek Nuclear ISMS on behalf of the Bearcreek Nuclear CEO.</p>
●	●	Objective 2	<p>Establish regulatory compliance and best practice alignment</p> <p>Security at Bearcreek Nuclear will be aligned to the appropriate regulations for the nuclear industry as set by IAEA and SSM along with requirements for CNI according to Swedish laws. It will also be aligned and implemented to applicable WINS best practices.</p>
●	●	Objective 3	<p>Ensure security roles and responsibilities are defined</p>

Fulfillment
 Fully ●
 Partly ●
 None ●
 Not relevant ○
 Not set / Unknown ○

State
 Approved ●
 Review ●
 Draft ●
 Not set / Unknown ○

159 %

Example of "001.A Unified protection objectives"

2 – Requirements collection


WBS	Tasks	Description
2.1	Identify all requirement openers	
2.2	Collect all relevant requirements	
2.3	Sort out not relevant requirements	
2.4	Create list of relevant requirements documents	
2.5	Estimate cost and timeline for “Step 3 Requirements analysis and consolidation”	
2.6	Sign off	Review and approval by customer
2.7	Decision gate	Proceed to “Step 3 Requirements analysis and consolidation” or abort
Code	Deliverables	Minimum customer involvement
2.A	List of relevant requirements documents	Assist in identifying requirement openers
2.B	Requirement documents added in aCIP® database.	Assist in collecting requirement documents
		Review and sign off
		Decision to proceed or abort

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Main grid | 002.A Relevant requirement documents

002.A Relevant requirement documents

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Split	Name	Req opener	Validity
●	IAEA TECDOC1276 Handbook on the physical protection of nuclear materials and facilities	IAEA	2002-03-01 - 2050-12-31
●	SSMFS 2008:12 SSM's föreskrifter om fysiskt skydd av kärntekniska anläggningar	SSM	2008-01-01 - 2050-12-31
●	WINS BestPractice 1.4 Nuclear Security Culture WINS International Best Practice Guide 1.4 Nuclear Security Culture	Bearcreek Nuclear Executive Management	2014-01-01 - 2030-12-31

223 %

Example of "002.A List of relevant requirements documents"

3 – Requirements analysis and consolidation


WBS	Tasks	Description
3.1	Split, breakdown and intepret all requirements.	Results in a hiearchy (Requirement document -> Chapter -> Requirement) with distinct and measureable requirements.
3.2	Identify and manage requirement issues	Deal with the following issues: 1 - Contradictions 2 - Overlaps 3 - Missing requirements (optional)
3.3	Match requirements with protection objectives	1 - If not met, new appropriate requirements must be developed. 2 - If overkills found, discuss requirement reductions if possible.
3.4	Consolidate to ONE unified requirement list (requirement model)	The list is fully traceable back to its respective requirement document. All issues are linked to the involved requirements.
3.5	Requirement issues WORKSHOP	Deal with identified issues and mismatches between requirements and protection objectives.
3.6	Finalize the unified requirement list	
3.7	Estimate cost and timeline for “Step 4 Existing solution capture”	
3.8	Sign off	Review and approval by customer
3.9	Decision gate	Proceed to “Step 4 Existing solution capture” or abort
Code	Deliverables	Minimum customer involvement
3.A	Unified requirement list	Participation in requirement issues workshop
3.B	Open requirement issues list	Review and sign off
3.C	Requirements, chapters and issues added and linked in aCIP® database.	Decision to proceed or abort

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Main grid: 003.A Unified requirement list

003.A Unified requirement list

Model: Bearcreek Nuclear



Organization	Unified code	Requirement	Interpreted text	Fully	Partly	None	Not relevant	Not set / Unknown	Source	Breakdown	Fulfillment
				1	0	1	0	5			
	X01.101.001	Ständigt ansvarig bevakningsledning på plats	Tillståndshavaren ska se till att det vid en anläggning ständigt finns ansvarig arbetsledning.						002.011.001 SSMFS 2008:12	Åtgärder kategori 1: Skydd av anläggningen	
	X01.101.002	Ständigt bevakningspersonal på plats	Tillståndshavaren ska se till att det vid en anläggning ständigt finns särskilt utbildad personal för bevakning (bevakningspersonal).						002.011.002 SSMFS 2008:12	Åtgärder kategori 1: Skydd av anläggningen	
	X01.101.003	Bevakningspersonal för behörighetskontroll	Det ska finnas bevakningspersonal i det antal som behövs för att kunna kontrollera behörigheten hos de personer som vistas inom anläggningen.						002.011.003 SSMFS 2008:12	Åtgärder kategori 1: Skydd av anläggningen	
	X01.101.004	Bevakningspersonal för införselkontroll	Det ska finnas bevakningspersonal i det antal som behövs för att kunna kontrollera att föremål som förtecknats enligt 1.1 punkten 3 inte tas in i anläggningen.						002.011.004 SSMFS 2008:12	Åtgärder kategori 1: Skydd av anläggningen	
	X01.101.005	Bevakning dygnet runt	Bevakningsstyrka skall finnas på plats på anläggningen dygnet runt.	1					999.001.001 ADTR-2015	Bevakning	
	X01.101.006	Bevakningsstyrka: bemanning	Bevakningsstyrkan skall ha kapacitet att hantera inpasseringskontroll, utförselkontroll och larmutryckningar och bestå av minst 10 personer vid varje tillfälle.						999.001.002 ADTR-2015	Bevakning	
	X01.101.007	Bevakningsstyrka: kompetens	All personal i bevakningsstyrka skall vara godkända skyddsvakter.						999.001.003 ADTR-2015	Bevakning	

Example of "3.A Unified requirement list"

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Main grid 003.B Open requirement issues

2 of 3

003.B Open requirement issues

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Unclear

Reservdrifttid bevakningscentral?

Description
Utred om det finns krav på reservdrifttid, direkt eller indirekt.

Mitigation

Related requirements
Follow Fulf. Code / Unified code Name / Interpreted text

✓	<input type="radio"/>	002.011.021	Bevakningscentral: reservkraft Bevakningscentralen och den bevakningstekniska utrustning som är ansluten till bevakningscentralen ska vara försedd med reservkraftförsörjning.
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Contradictions

Motstridiga krav: registrering av tillträde

Description
I ena kravet krävs registrering av tillträde, i det andra förbjuds det.

Mitigation
Förslag: Försök förhandla bort kravet från ADTR som förbjuder registrering.

Related requirements
Follow Fulf. Code / Unified code Name / Interpreted text

✓	<input checked="" type="radio"/>	002.011.043	Inre förvaringsutrymme: tillträde Tillträde till inre förvaringsutrymme ska ske genom kontrollerat och registrerat tillträde.
⚠	<input checked="" type="radio"/>	999.005.001	Registrering av tillträde får ej ske Av integritetsåskäl får ingen registrering av tillträde ske, varken manuell eller i passerkontrollsystem.

Server connection: ✓ Database connection: ✓ Framework status: ✓ User: AndersHellman DB connection state: ✓ Server instance: Database: DV refresh's made: 110 IS refresh's made: 7

Example of "3.B Open requirement issues list"

4 – Existing solution capture

WBS	Tasks	Description
4.1	Collect, brief and record all relevant documentation	1 - Drawings and descriptions of technical systems 2 - Process manuals (routines) 3 - Organization schemes
4.2	Interviews	1 - Security manager 2 - Security technician 3 - Relevant process owners 4+ - Others
4.3	Field studies	1 – Technical systems 2 – Processes (routines/procedures)
4.4	Create list of relevant solution documents	Includes notes from interviews and field studies.
4.5	Build solution model	Important to decide with customer to which detail this shall be done. Very easy to go to deep and thereby wasting the customers money.
4.6	Estimate cost and timeline for “Step 5 Gap and overkill analysis”	
4.7	Sign off	Review and approval by customer
4.8	Decision gate	Proceed to “Step 5 Gap and overkill analysis” or abort
Code	Deliverables	Minimum customer involvement
4.A	List of relevant solution documents	Enable interviews and field studies
4.B	Solution documents added and linked in aCIP® database. Solution model built to agreed detail.	Review and sign off
		Decision to proceed or abort

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Main grid 004.A Relevant solution documents

1 of 1

004.A Relevant solution documents

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Document

- BNP-1022 Processmanual Bevakningscentral
- BNP-1043 Processmanual Inpassering
- BNP-1117 Processmanual Vaktarrondering
- BNP-1153 Processmanual Larmutryckning
- BNP-1156 Processmanual Personbedömning
- BNT-077 Teknisk beskrivning Videoövervakning
- BNT-079 Teknisk beskrivning Passerkontroll
- BNT-107 Teknisk beskrivning Larmsystem

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Classification:
Page 1 of 1

Example of "4.A List of relevant solution documents"

5 – Gap and overkill analysis

WBS	Tasks	Description
5.1	Match the requirement model with the solution model	Identify and record: 1 - Gaps = needs to improve 2 - Overkills = potentials to save Both gaps and overkills are recorded in the aCIP® database and linked to corresponding elements in the requirements and solution model.
5.2	Create Gap list and Gap report	
5.3	Create Overkill list and Overkill report	
5.4	Estimate cost and timeline for “Step 6 Gap mitigation plan” and “Step 8 Cost reduction plan”	
5.5	Sign off	Review and approval by customer
5.6	Decision gate	Proceed to “Step 6 Gap mitigation plan” and/or “Step 8 Cost reduction plan” or abort
Code	Deliverables	Minimum customer involvement
5.A1	Gap list	Review and sign off
5.A2	Gap report	Decision to proceed or abort
5.B1	Overkill list	
5.B2	Overkill report	
5.C	All gaps and overkills recorded as issues in the aCIP® database and linked to corresponding elements in the requirement and solution model.	

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Main grid 005.A1 Gap gaps list

1 of 1

005.A1 Open gaps

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Gap # of open gaps: 2

Ej kontrollerat tillträde till bevakningscentralen

Description
 Enbart PIN-kod används för passage till bevakningscentralen. Det uppfyller inte kravet för kontrollerat tillträde som säger att det ska säkerställas att vem som passerar och att denne är behörig.

Mitigation
 Förslag: Installera kortläsare (kort+kod+fingertyck) som ansluts till passerkontrollsystemet.

Relevant elements



Type	Gap	Code	Unified code
	Bevakningscentral: tillträde	002.011.014	
	Bevakningcentral		
	Inpassering		

BC saknar rutiner och verktyg för manuell loggning

Description
 Det finns varken verktyg eller rutiner i Bevakningscentralen för att logga manuella ländelser (telefonsamtal, personalens åtgärder och iakttagelser mm).

Mitigation
 Förslag: Implementera datoriserad loggbok.

Relevant elements

Type	Gap	Code	Unified code
	Bevakningscentral: funktion loggning	002.011.017	
	Bevakningcentral		

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Example of "5.A1 Gap list"

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Main grid 005.B1 Open overkills list

005.B1 Open overkills
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Gap # of open overkills: 1

! Överkapacitet bevakningsstyrka

Description
Den befintliga bevakningsbemanningen bedöms ha en överkapacitet på motsvarande 10-15 heltidstjänster.

Mitigation
Förslag: Utred möjligheter att reducera styrkan. Potentiell besparing: 5-7,5 MSEK / år.

Relevant elements

Type	Gap	Code	Unified code
🔒	Ständigt bevakningspersonal på plats	002.011.002	X01.101.002
🔒	Bevakningspersonal för behörighetskontroll	002.011.003	X01.101.003
🔒	Bevakningspersonal för införselkontroll	002.011.004	X01.101.004
🔒	Bevakningspersonal för kontroll av fysiskt skydd	002.011.005	
🔒	Bevakningspersonal för larmverifiering	002.011.006	
🔒	Bevakningspersonal för att hantera intrång	002.011.007	
🔒	Bevakning		

Secret

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Classification: Secret
Page 1 of 1

Server connection: ✓ Database connection: ✓ Framework status: ✓ User: AndersHellman DB connection state: ✓ Server instance: Database: DV refresh's made: 37 IS refresh's made: 1

Example of "5.B1 Overkill list"

6 – Gap mitigation plan


WBS	Tasks	Description
6.1	Customer WORKSHOP	Based on "Gap list" and "Gap report". Purpose is to brainstorm, extract and filter out possible and realistic mitigation measures.
6.2	Develop Gap mitigation plan	Proposed measures Time line Cost estimates Project approach (internal/procurement, turnkey/performance)
6.3	Estimate cost and timeline for "Step 7 Gap mitigation project"	
6.4	Sign off	Review and approval by customer
6.5	Decision gate	Proceed to "Step 7 Gap mitigation project" or abort
Code	Deliverables	Minimum customer involvement
6.A	Gap mitigation plan	Participation in customer workshop
		Review and sign off
		Decision to proceed or abort

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Model: Bearcreek Nuclear

Main grid: 006A_GapMitigationPlan_EXAMPLE.pdf

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		Project Bobcat	
		006.A Gap Mitigation Plan	
Author	Reviewed by	Date	Version
Anders Hellman		2014-10-07	PA1
Approved by	Reviewed by	Classification	Document-ID
		Commercial in confidence	AD_28_xxxx

1. Version history

Version	Date	Author	Approved by	Changes
PA1	2014-11-13	Anders Hellman		
A				
B				
C				
D				

2. Content

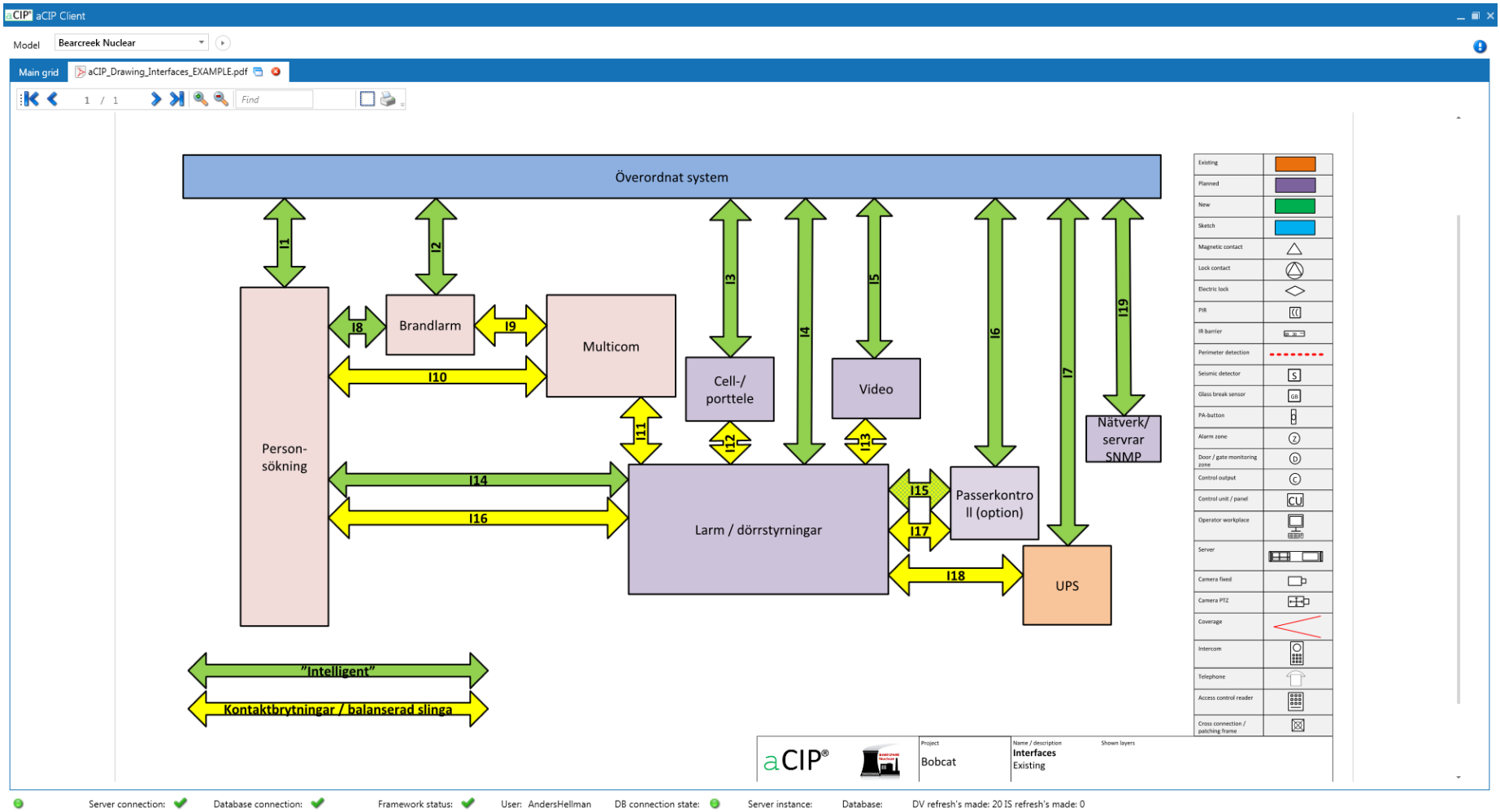
- 1. Version history 2
- 2. Content 2
- 3. Executive summary 3
- 4. Gap analysis methodology used 3
- 5. Requirement side description 3
- 6. Solution side description 3
- 7. Identified gaps and proposed mitigation measures 3
- 8. Cost and timeline estimates 3
- 9. Conclusion and recommendations 3

Server connection: ✓ Database connection: ✓ Framework status: ✓ User: AndersHellman DB connection state: ✓ Server instance: Database: DV refresh's made: 13 IS refresh's made: 1

Example of "6.A Gap mitigation plan"

7 – Gap mitigation project

WBS	Tasks	Description
7.1	Develop conceptual design	
7.2	Sign off	Review and approval by customer
7.3	Develop basic design	
7.4	Sign off	Review and approval by customer
7.5	Develop improved cost estimate	
7.6	Sign off	Review and approval by customer
7.7	Develop RFQ or installation documentation	Depending on decided project approach
7.8	Procurement	If going external
7.9	Implementation project	A separate project. Project monitoring and management is a task in this step.
7.10	Verification and validation	
7.11	Update aCIP® database	Update with implemented solution. Linking between requirements and the fulfilling elements in the implemented solution.
7.12	Estimate cost and timeline for “Step 10 Dependability management plan”	
7.13	Sign off	Review and approval by customer
7.14	Decision gate	Proceed to “Step 10 Dependability management plan” or abort
Code	Deliverables	Minimum customer involvement
7.X	Not specified here. Lots of documents.	Not specified here. Depending on customers willing to participate.
7.Y	aCIP® database updated	



Example of "7.X Basic design schematics"

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Model: Bearcreek Nuclear

Main grid

Select configuration: ALL -> Excel

Grouped by: Group, Type


Element

- Reports 7
 - Report 7
 - 001.A Unified protection objectives
 - 002.A Relevant requirement documents
 - 003.A Unified requirement list
 - 003.B Open requirement issues
 - 004.A Relevant solution documents
 - 005.A1 Open gaps list
 - 005.B1 Open overkills list
- Stakeholders 3
 - Stakeholder 3
 - Bearcreek Nuclear Executive Management
 - IAEA
 - SSM
- Objectives 5
 - Objective 5
- Requirements 107
 - Requirement document 7
 - Requirement collection 48
 - Requirement 52
- Configurations 1
- Processes 3
- Issues 6
 - Issue 6
 - BC saknar rutiner och verktyg för manuell loggning
 - Ej kontrollerat tillträde till bevakningscentralen
 - Kravberoende bemanning bevakningscentral
 - Motstridiga krav: registrering av tillträde

Server connection: ✔ Database connection: ✔

aCIP aCIP_Rambeskrivning_EXAMPLE.pdf

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Bearcreek Nuclear Förfrågningsunderlag Rambeskrivning Teletekniska system Säkerhetssystem			aCIP®	SIDNR 4 (6)
DIARIENR		HANDLÄGGARE Anders Hellman		REV A
DATUM 2014-11-03		DOKUMENT-ID AD14_0037.31		SENASTE REV DATUM 2015-01-14 19:29
KOD	TEXT			
6	<p>Denna beskrivning ansluter till AMA EL 12.</p> <p>För entreprenaden gäller även separat redovisad AF-del, "AD14_0037.30 Bearcreek Nuclear Säkerhetssystem Administrativa föreskrifter" och dess bilagor.</p> <p>Med B avses Beställaren och med E avses entreprenören eller entreprenaden i denna beskrivning.</p> <p>EL- OCH TELESYSTEM</p> <p><i>ORIENTERING</i></p> <p>Projektet omfattar i stora drag:</p> <ul style="list-style-type: none"> Nytt överordnat säkerhetssystem. Nya centralutrustningar för larmsystem 			

Example of "7.X RFQ"

8 – Cost reduction plan

WBS	Tasks	Description
8.1	Customer WORKSHOP	Based on "Overkill list" and "Overkill report". The purpose is to brainstorm, extract and filter out possible and realistic cost reduction measures.
8.2	Develop Cost reduction plan	Proposed measures Time line Cost estimates Project approach (internal/procurement, turnkey/performance)
8.3	Estimate cost and timeline for "Step 9 Cost reduction project"	
8.4	Sign off	Review and approval by customer
8.5	Decision gate	Proceed to "Step 9 Cost reduction project" or abort
Code	Deliverables	Minimum customer involvement
8.A	Cost reduction plan	Participation in customer workshop
		Review and sign off
		Decision to proceed or abort

Model: Bearcreek Nuclear

Main grid: 008A_CostReductionPlan_EXAMPLE.pdf

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aCIP®		Project Bobcat	
		008.A Cost Reduction Plan	
Author	Reviewed by	Date	Version
Anders Hellman		2014-11-07	PA1
Approved by	Reviewed by	Classification	Document-ID
		Commercial in confidence	AD_28_0037

1. Version history

Version	Date	Author	Approved by	Changes
PA1	2014-11-07	Anders Hellman		
A				
B				
C				
D				

2. Content

1.	Version history	2
2.	Content	2
3.	Executive summary	3
4.	Overkill analysis methodology used	3
5.	Requirement side description	3
6.	Solution side description	3
7.	Identified overkills and proposed measures	3
8.	Savings and timeline estimates	3
9.	Conclusion and recommendations	3

Server connection: ✓ Database connection: ✓ Framework status: ✓ User: AndersHellman DB connection state: ● Server instance: Database: DV refresh's made: 41 IS refresh's made: 5

Example of "8.A Cost reduction plan"

9 – Cost reduction project

WBS	Tasks	Description
9.1	Develop a RFQ or a project plan	Based on the cost reduction plan
9.2	Procurement	If going external. Or project initiation if going internal. Most likely several smaller projects rather than one large.
9.3	Implementation of cost reductions	Most likely separate projects. But monitoring and co-ordination is a task in this step.
9.4	Verification and validation	
9.5	Update aCIP® database	Update with implemented solution.
9.6	Estimate cost and timeline for “Step 11 Cost reduction evaluation”	
9.7	Sign off	Review and approval by customer
9.8	Decision gate	Proceed to “Step 11 Cost reduction evaluation” or abort
Code	Deliverables	Minimum customer involvement
9.X	Not specified here. Lots of documents.	Not specified here. Depending on customers willing to participate.
9.Y	aCIP® database updated	Review and sign off
		Decision to proceed or abort

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Model: Bearcreek Nuclear

Main grid: aCIP ProjectPlan EXAMPLE.pdf

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Project Bobcat
Cost reduction
PROJECT PLAN

Author	Reviewed by	Date	Version
Anders Hellman		28/10/2014	1.1
Approved by	Reviewed by	Classification	Document-ID
		Confidential	AD15_0037.071

1. Version history

aCIP ProjectPlan EXAMPLE.pdf
File seal is OK!
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Version	Date	Author	Approved by	Changes
1.0	28/10 2014	Anders Hellman		

2. Content

- 1. Version history 2
- 2. Content 2
- 3. Introduction 3
- 4. Background 3
- 5. Goals 3
- 6. Roles 3
- 6.1 Project sponsor 3
- 6.2 Steering committee 3
- 6.3 Project manager 3
- 6.4 Project team 3
- 7. Tasks and schedule 3
- 7.1 Phase 1 3

Server connection: ✓ Database connection: ✓ Framework status: ✓ User: AndersHellman DB connection state: Server instance: Database: DV refresh's made: 69 IS refresh's made: 11

Example of "9.X Project plan"

10 – Dependability management plan



WBS	Tasks	Description
10.1	Maintenance, service and support of technical systems	Review and propose improvements.
10.2	Technical systems	1 – Long term availability of spare parts and service 2 – Upcoming End-of-Life of systems Flag for long term measures (system upgrades or replacements)
10.3	Training, exercise and co-ordination	Staff, contractors, responders and stakeholders
10.4	Process ownership and responsibility	Review the responsibility and awareness of process ownership and propose improvements.
10.5	Sign off	Review and approval by customer
10.6	Develop Dependability management plan	
10.7	Sign off	Review and approval by customer
10.8	Implement Dependability management plan	Normally done by the customer.
10.9	Update aCIP® database	Update with implemented solution.
10.10	Estimate cost and timeline for “Step 12 Yearly review”	
10.11	Sign off	Review and approval by customer
10.12	Decision gate	Proceed to “Step 12 Yearly review” or abort
Code	Deliverables	Minimum customer involvement
10.A	Dependability management plan	Providing information, interviews, etc
10.B	aCIP® database updated	Review and sign off
		Decision to proceed or abort

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Main grid: aCIP_DependabilityManagementPlan_EXAMPLE.pdf

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Project Bobcat

DEPENDABILITY MANAGEMENT PLAN

Author	Reviewed by	Date	Version
Anders Hellman		13/01/2015	1.0
Approved by	Reviewed by	Classification	Document-ID
		Confidential	AD15_0037.121

1. Version history

Version	Date	Author	Approved by	Changes
1.0	13/01 2015	Anders Hellman		

2. Content

- 1. Version history 2
- 2. Content 2
- 3. Executive summary 3
- 4. Introduction 3
- 5. Technical systems 3
- 5.1 Maintenance, service and support 3
- 5.2 Spare parts, repair availability and end-of-life 3
- 5.3 5 year upgrade recommendations plan 3
- 5.4 Recommended measures 3
- 6. Human resources 3
- 6.1 Training and exercise 3
- 6.2 Process ownership and awareness 3
- 6.3 Recommended measures 3

Server connection: ✓ Database connection: ✓ Framework status: ✓ User: AndersHellman DB connection state: Server instance: Database: DV refresh's made: 87 IS refresh's made: 21

Example of "10.A Dependability management plan"

11 – Cost reduction evaluation (+6 months after implementation)

WBS	Tasks	Description
11.1	Collect revised costs for changed parts	
11.2	Collect cost for implementation of cost reduction project	
11.3	Compare actual costs with estimates from Step 8	
11.4	Create Cost reduction evaluation report	
11.5	Sign off	Review and approval by customer
Code	Deliverables	Minimum customer involvement
11.A	Cost reduction evaluation report	Provide cost figures etc.
		Review and sign off

aCIP® Sub-project	2014					2015					Total
	Estimated saving	Actual cost reduction	Implemen- tation cost	Actual saving	Actual - estimated saving	Estimated saving	Actual cost reduction	Implemen- tation cost	Actual saving	Actual - estimated saving	Actual saving
Reduction of on-site guard staff	5 500	5 700	-400	5 300	-200	5 600	5 700	0	5 700	100	11 000
Removing all unnessecary old cameras	200	250	-150	100	-100	200	250	0	250	50	350
Closing checkpoint 3 at non-office hours	1 000	1 700	-300	1 400	400	1 200	1 900	0	1 900	700	3 300
<i>All values in kSEK</i>				6 800	100				7 850	850	14 650

Example of "11.A Cost reduction evaluation report"

12 – Yearly review

WBS	Tasks	Description
12.1	Initial customer WORKSHOP	Identify changes since last review: 1 – Protection objectives 2 – Requirements 3 – Technical systems 4 – Processes (routines/procedures) 5 – Organization
12.2	Filed studies and interviews	Depending on identified changes.
12.3	Develop Yearly review report	If there are significant changes identified a recommendation to restart at appropriate step to update approach and model.
12.4	Update aCIP® database	Of minor changes that is not handled by a restart at Step x.
12.5	Cost estimates to restart at Step x	If significant changes are identified.
12.6	Decision gate	Restart at Step x or not.
12.7	Cost estimates to proceed with Yearly review	
12.8	Decision gate	Proceed with Yearly review next year or not.
12.9	Sign off	Review and approval by customer
Code	Deliverables	Minimum customer involvement
12.A	Yearly review report	Provide access to site, information and people.
12.B	aCIP® database updated with minor changes	Participate in workshop Decide to restart at Step x and/or proceed with Yearly review
		Review and sign off

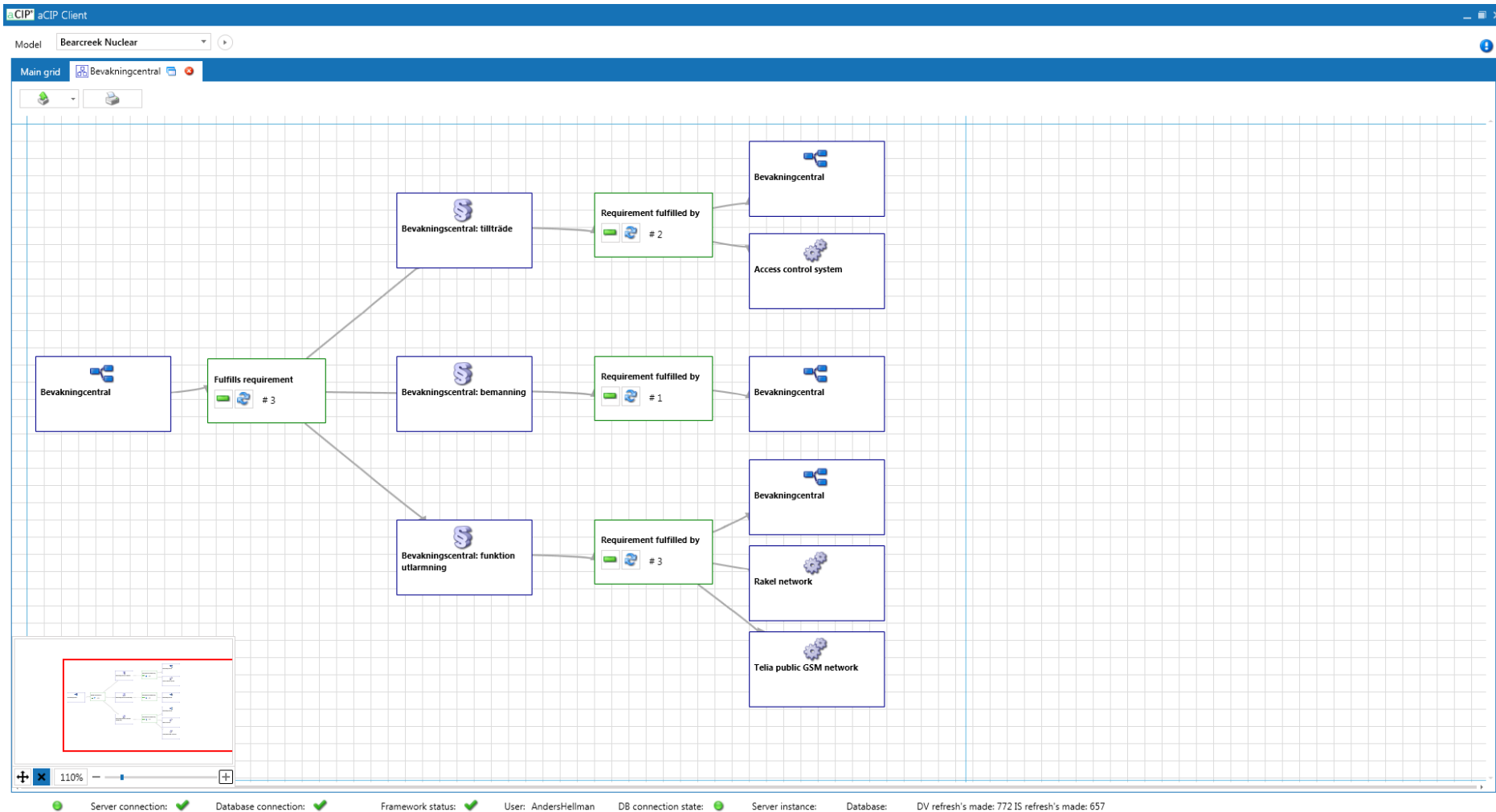
	A	B	C	D	E	F	G	H	I	J	K	W	X	Y	Z	AA	AB	AC	AD	AE	AF		
		aCIP®			Status	Deadline	Approved /closed	Status	Risk baseline overdraft	Risk delayed delivery	Hours	27/10-2/11 (v44)	3-9/11 (v45)	10-16/11 (v46)	17-23/11 (v47)	24-30/11 (v48)	1-7/12 (v49)	8-14/12 (v50)	15-21/12 (v51)	22-28/12 (v52)	29-31/12 (v1)	1- (v.	
1	WBS	Project/Sub-project/Task	Responsible	Resources	Status	Deadline	Approved /closed	Status	Risk baseline overdraft	Risk delayed delivery	Hours	27/10-2/11 (v44)	3-9/11 (v45)	10-16/11 (v46)	17-23/11 (v47)	24-30/11 (v48)	1-7/12 (v49)	8-14/12 (v50)	15-21/12 (v51)	22-28/12 (v52)	29-31/12 (v1)	1- (v.	
2	-	Common team location																					
3	-	At office																					
4	-	On-site																					
5	5	Project Bobcat				150503																	
6	5.0	Common	Anders Hellman (AH)			150503		Ongoing				0	0	0	0	0	0	0	0	0	0	0	0
12	5.1	Protection objectives	Anders Hellman (AH)			141102		Ongoing				0	0	0	0	0	0	0	0	0	0	0	0
13	5.1.1	Collect objectives from customer	David Johnsson (DJ)			141012	141010	Approved	None	None													
14	5.1.2	Analyse objectives	Anders Hellman (AH)			141019	141017	Approved	None	None													
15	5.1.3	Validate objectives	Anders Hellman (AH)			141026	141024	Approved	None	None													
16	5.1.4	Create unified list of protection objectives Estimate cost and timeline for "Step 2 - Requirements collection"				141109		Review	Low	Medium													
17	5.1.5	Sign off				141114		Ongoing	None	None													
18	5.1.6	DG: Proceed or abort				141114		Planned	None	None													
19	5.1.7					141114		Not planned	None	High													
20	5.2	Requirements collection	Peter Collins (PC)			141212		Planned				0	0	0	0	0	0	0	0	0	0	0	0
24	5.3	Requirements analysis and consolidation	Anders Hellman (AH)			150116		Planned				0	0	0	0	0	0	0	0	0	0	0	0
28	5.4	Existing solution capture	David Johnsson (DJ)			150116		Planned				0	0	0	0	0	0	0	0	0	0	0	0
32	5.5	Gap and overkill analysis				150227		Planned				0	0	0	0	0	0	0	0	0	0	0	0
36	5.6	Gap mitigation plan				150320		Planned				0	0	0	0	0	0	0	0	0	0	0	0
40	5.7	Gap mitigation project				150116		Planned				0	0	0	0	0	0	0	0	0	0	0	0
44	5.8	Cost reduction plan				150123		Planned				0	0	0	0	0	0	0	0	0	0	0	0
48	5.9	Cost reduction project						Not planned				0	0	0	0	0	0	0	0	0	0	0	0
52	5.10	Dependability management plan						Not planned				0	0	0	0	0	0	0	0	0	0	0	0

Example of "aCIP® Project planning sheet"

	A	B	C	D	E	F	G	H	I	J	K
2		Tasksheet			<u>Name</u>	<u>Category</u>	<u>Time</u>				
3	WBS	5.1.3	Responsible	Anders Hellman	Project manager	7	Start date	2014-10-20			
4	Project	Bobcat	Resources	David Johnsson	Security consultant	3	Delivery date	2014-10-24			
5	Sub project	Protection objectives				0	Approved hours	16			
6	Task	Validate objectives				0					
7						0					
8						0					
9						0					
10						0					
11						0					
12						0					
13						0					
14						10					
15											
16	Description	Validate that each objective meets the following criteria:									
17		<u>Realistic</u>									
18		It does not make unjustifiable demands on the target system.									
19		<u>Achievable</u>									
20		It should be possible to meet the objective within the bounds of current or emerging technology without unreasonable cost.									
21		<u>Measurable</u>									
22		Once an objective has been met, it should be possible to view or otherwise validate its effect on the target system either directly or indirectly.									
23		<u>Relevant</u>									
24		It should be directly related to the general security of the target system and its environment AND it should not detract from the overall purpose of the target system.									
25											
26											
27											
28											
29											
30	Inputs	<u>What</u>		<u>Responsible</u>	<u>WBS</u>	<u>Ready when</u>	<u>Status</u>				
31		List of objectives		Anders Hellman	5.1.2	2014-10-17	Approved				
32											
33											
34											
35											
36											
37											
38											
39											
40	Outputs	<u>What</u>	<u>Review / approval by</u>	<u>Format</u>	<u>Dokument-ID</u>	<u>Ready when</u>	<u>Status</u>				
41		List of validated objectives	David Johnsson	Word	-	2014-10-24	Review				
42											



Example of "aCIP® Project task sheet"



Example of auto-generated diagram of relations

The 12 steps for optimized security

