

Documentation for the WPC's administration of certificate revocation

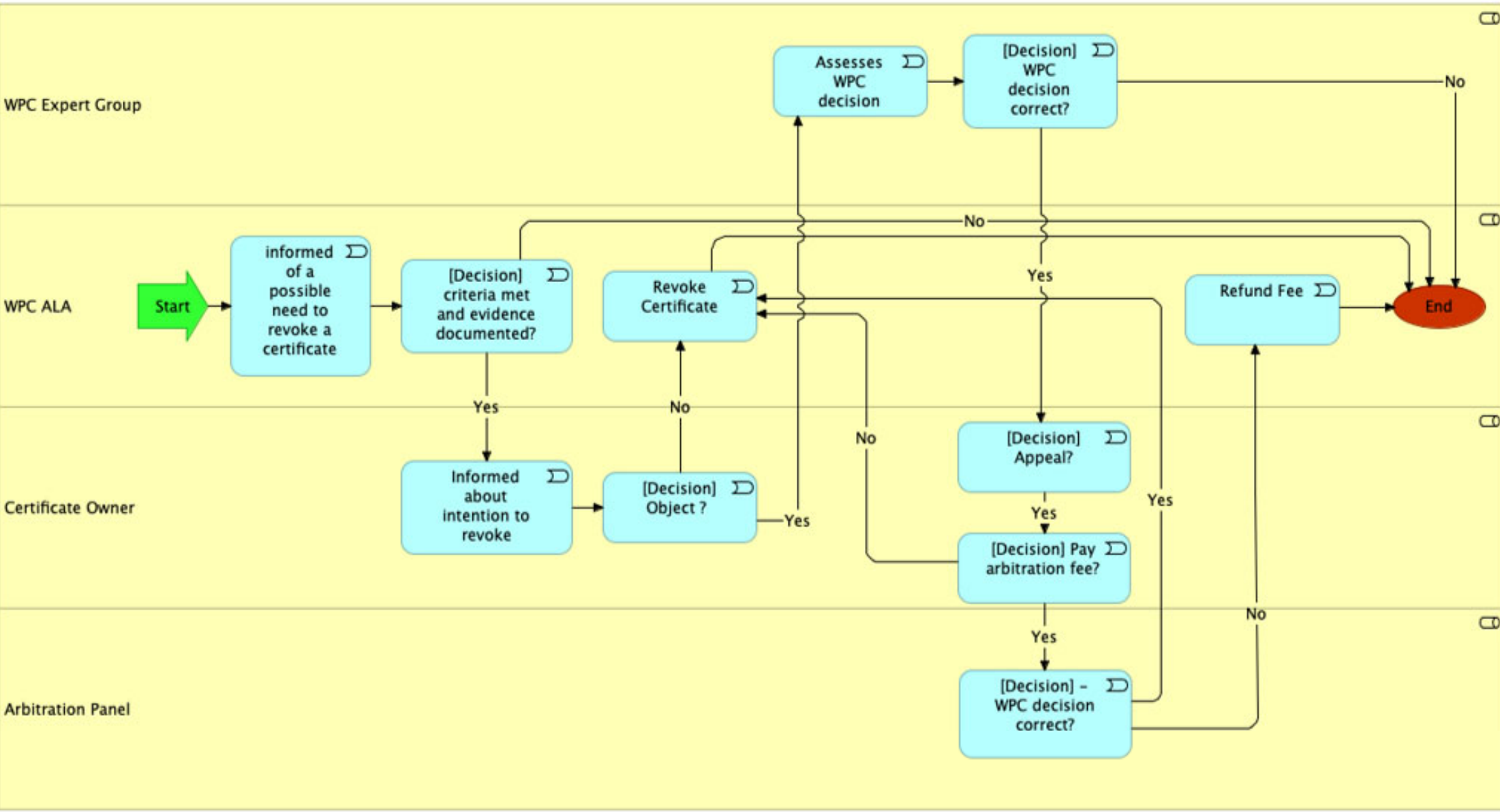
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Content

1. Flow diagram of the process steps
2. List of process steps
3. List of possible reasons for revoking a certificate

Based on Annex B of the authentication agreements. The agreements can be found here:

<https://www.wirelesspowerconsortium.com/about/governing-documents-wpc-inc.html>



Event#	Step	Description	State Before	State After
1	1	WPC is informed of a possible need to revoke a certificate.	Start	B
2	2	WPC decides that the criteria are met and evidence is documented	B	C
3	2	WPC decides that the criteria are NOT met. End of procedure	B	END
4	3	WPC informs the owner of the certificate about the intention to revoke	C	D
5	4	Owner agrees with revocation	D	E
6	4	Owner does not respond before deadline step 3	D	E
7	4	Owner objects to revocation	D	F
8	5a	WPC implements the revocation. End of procedure step 5a	E	END
9	5b	WPC experts group appointed	F	G
10	6a	WPC experts group decides that decision by WPC was correct. WPC informs owner of certificate.	G	H
11	6b	WPC experts group decides that decision by WPC was NOT correct. WPC informs owner of certificate. End of procedure	G	END
12	7	Owner accepts decision of expert team	H	I
13	7	Owner does not respond before deadline step 6a	H	I
14	7	Owner appeals against decision of expert team	H	J
15	7	WPC implements the revocation. End of procedure step 7 no appeal	I	END
16	7	Owner pays Arbitration Fee before the deadline	J	K
17	7	Owner does NOT pay Arbitration Fee before the deadline	J	L
18	7	WPC implements the revocation. End of procedure step 7 non-payment	L	END
19	8	Arbitration Panel appointed	K	M
20	9a	Arbitration Panel decides that decision by WPC was correct. WPC informs owner of certificate.	M	N
21	9b	Arbitration Panel decides that decision by WPC was NOT correct. WPC informs owner of certificate.	M	O
22	9b	Arbitration Fee Returned to Owner. End of procedure	O	END
23	9a	WPC implements the revocation. End of procedure step 9a	N	END

Reason	Type	Description
1.0.0.0	TBD	To Be Determined
1.1.1.1	Product Unit Certificate	When the private key material related to that Product Unit Certificate has been compromised.
1.1.1.2	Product Unit Certificate	When a batch of Provisioned Secure Storage Subsystems is reported missing or stolen during transport.
1.1.1.3	Product Unit Certificate	When a certificate with that serial number is used to authenticate a product that is not a Qi Registered Product.
1.1.1.4	Product Unit Certificate	When a certificate with that serial number is used to authenticate a product with a Qi ID that doesn't match with the Qi ID in the certificate.
1.1.2.1	Qi ID	When more than 20 Product Unit Certificates with this Qi ID have been revoked under rule 1.1.1.1
1.1.2.2	Qi ID	When a Product Type was subject to a Final Non-Compliance Notice and is no longer a Qi Registered Product, as the result of market inspection procedure in which a market samples of this product was found to be non-compliant.
1.1.2.3	Qi ID	When a Product Unit Certificate with this Qi ID is found in a product, purchased in the market, that was subject to a Final Non-Compliance Notice.
1.1.2.4	Qi ID	When the product with this Qi ID is subject to a recall by a competent authority anywhere in the world. That includes without limitation, recall by the brand owner, importer, manufacturer, and consumer safety authorities.
1.2.1.1	Manufacturer CA Certificate	When the private key of a Manufacturer CA Certificate is used by an unauthorized party to sign product unit certificates.
1.2.1.2	Manufacturer CA Certificate	When more than 20 Qi IDs were revoked in certificates, signed by this Manufacturer CA Certificate under rule 1.1.2.1.
9.9.9.1	Product Unit Certificate	Certificate used for testing. Not to be used in products.
9.9.9.2	Qi ID	Qi ID used for testing. Not to be used in products.
9.9.9.3	Manufacturer CA Certificate	Certificate used for testing. Not to be used in products.