

Appendix [Certification Procedure] CPO

No.	Task Description	Hubject	CP/IP	Status	Orig. Due Date	Current Due Date	Date Closed	Comments
Preconditions								
1	Interface Description							
	Go to www.hubject.com & register under 'Downloads'		*					
	Activate account	*						
	Retrieve OICP interface description at www.hubject.com		*					
	Read OICP document		*					
2	Partnership Setup							
	Send welcome package incl. project plan	*						
	Sign contract		*					
3	Project Kick-Off							
M0	Initialise Onboarding Process	*						
	Elaborate project plan (responsibilities, time plan, milestones, weekly telephone calls, E2E test plans) in kick-off meeting	*	*					
	Send Onboarding Package (interchange credentials for CPO E2E testing (RFID & App))	*						
4	Partner Connection Information							
	Choose person as administrator for HBS account		*					
	Get IP addresses of CPO backends and work places in order to activate HBS firewall		*					
	Fill in Partner Connection Information Form (see Onboarding Package) & send to your Onboarding Manager		*					
5	Activation of IP Addresses							
	Order activation of IP addresses at HBS firewall and load balancers	*						
6	Certificates							
	Issue Certificate Signing Request (CSR) (see Secure Connection Guide) & send to your Onboarding Manager		*					
	Order signing of CSR at Hubject's CA	*						
	Return certificates including signed certificate	*						
7	Ready for QA system testing							
	Establish 1 CP/IP user account with CPO service type rights at HBS QA system	*						
	Send portal name (URL), login name and initial password	*						
	Send confirmation to Onboarding Manager that initial password was received and initially changed		*					
8	interchange QR codes							
	Send EVSE-ID of 'lab charge point' for QA testing to your Onboarding Manager		*					
	Produce & send QR code for QA testing	*						
M1	Preconditions fulfilled	*	*					
Implementation & Testing (QA system)								
9	Access Testing							
	Check network connectivity (optional: with eRoaming Access Test (see Onboarding Package))		*					
	Upload certificate to HBS for incoming messages at partner backend		*					
	Approve certificate at Task List (HBS)	*						
10	interchange Application							
	Download interchange app from Appstore (for iOS devices) or Google Playstore (for Android devices)		*					
	Switch app to QA system with QR code (see Onboarding Package)		*					
11	Offers & Subscriptions							
	Post 'Authorization' and 'Push EVSE' offer at HBS QA system (acting as CPO) (see user documentation Onboarding Package)		*					
	Subscribe 'Push EVSE' (eRoaming platform) & 'Authorization' (EMP interchange)	*						
12	Data Validity Testing							
	Check validity of CPO data sent to HBS according to Integration Test plan (see Onboarding Package) (optional)		*					
13	Web Service Implementation							
	Implement web services at CPO backend (see Web Service Checklist, WSDL files & Service Endpoints Onboarding Package)		*					
	Test web services and check with the help of HBS Process Monitor		*					
	Perform E2E tests with real 'lab charge point' (see E2E Test Plan Onboarding Package)		*					
	Check implementation of web service operations	*						
	Check data validity (EVSE static, EVSE dynamic, CDR) in HBS Process Monitor	*						
	Check web service frequency of EVSE data up- and downloads in HBS Process Monitor	*						
	Sign (Scan/email) Web Service Checklist	*	*					
14	Project finished							
	Hold final telephone conference	*	*					
M2	CHECK certification granted	*	*					

Appendix [Certification Procedure] EMP

No.	Task Description	Hubject	CPIP	Status	Orig. Due Date	Current Due Date	Date Closed	Comments
Preconditions								
1	Interface Description							
	Go to www.hubject.com & register under 'Downloads'		*					
	Activate account	*						
	Retrieve DICP interface description at www.hubject.com		*					
	Read DICP document		*					
2	Partnership Setup							
	Send welcome package incl. project plan	*						
	Sign contract		*					
	Deliver implementation information (EMP online or EMP offline, authentication methods etc.)		*					
3	Project Kick-Off							
M0	Initialise Onboarding Process	*						
	Elaborate project plan (responsibilities, time plan, milestones, weekly telephone calls, E2E test plans) in kick-off meeting	*	*					
	Send Onboarding Package (interchange QR code for EMP E2E testing)	*						
4	Partner Connection Information							
	Choose person as administrator for HBS account		*					
	Get IP addresses of EMP backends and work places in order to activate HBS firewall		*					
	Fill in Partner Connection Information Form (see Onboarding Package) & send to your Onboarding Manager		*					
5	Activation of IP Addresses							
	Order activation of IP addresses at HBS firewall and load balancers	*						
6	Certificates							
	Issue Certificate Signing Request (CSR) (see Secure Connection Guide) & send to your Onboarding Manager		*					
	Order signing of CSR at Hubject's CA	*						
	Return certificates including signed certificate	*						
7	Ready for QA system testing							
	Establish 1 CPIP user accounts with EMP service type rights at HBS QA system	*						
	Send portal name (URL), login name and initial password	*						
	Send confirmation to Onboarding Manager that initial password was received and initially changed		*					
M1	Preconditions fulfilled	*	*					
Implementation & Testing (QA system)								
8	Access Testing							
	Check network connectivity (optional: with eRoaming Access Test (see Onboarding Package))		*					
	Upload certificate to HBS for incoming messages at partner backend		*					
	Approve certificate at Task List (HBS)	*						
9	Interchange Application							
	Download interchange app from Appstore (for iOS devices) or Google Playstore (for Android devices)		*					
	Switch app to QA system with QR code (see Starter Package)		*					
10	Offers & Subscriptions							
	Subscribe ebee 'Authorization' and eRoaming platform 'Pull EYSE Data' and 'PullEYSE Status' offers (acting as EMP)		*					
	Post 'Push Authentication' offer (only EMP offline)		*					
	Subscribe 'Push Authentication' offer (only EMP offline)	*						
11	Data Validity Testing							
	Check validity of EMP data sent to HBS according to Integration Test plan (see Onboarding Package) (optional)		*					
12	Web Service Implementation							
	Implement web services at EMP backend (see Web Service Checklist, WSDL files & Service Endpoints Onboarding Package)		*					
	Test web services and check with the help of HBS Process Monitor		*					
	Perform E2E tests with real 'lab charge point' (see E2E Test Plan Onboarding Package)		*					
	Check implementation of web service operations	*						
	Check data validity (Authentication data (only EMP offline)) in HBS Process Monitor	*						
	Check web service frequency of EVSE and Authentication data up- and downloads in HBS Process Monitor	*						
	Sign (Scan/email) Web Service Checklist	*	*					
13	Project finished							
	Hold final telephone conference	*	*					
M2	CHECK certification granted	*						