

# IFSF 2026-28 Roadmap

 Click on Focus Areas or  
 Initiatives for Descriptions

Issue date: 01/01/26

Focus Areas		2026	2027	2028
Data	Data Dictionary	4209 DD Field Descriptions 4195 Add DD Report Views 4196 Fuels Pricing APIs 337 Security Std Enhancements	301 Improve process for new DD elements 319 Implement DD Strategic Improvements 334 Site Facilities Reporting API 302 Sales Performance API	305 Add DD AI Search 312 Dictionary health check
	Enterprise Data Mgt	4196 Fuels Pricing APIs 302 Sales Performance API	334 Site Facilities Reporting API 327 Predictive Site Maintenance	313 Consumer Behaviour Analysis
	Security & Identity	337 Security Std Enhancements	311 Consumer Authentication	
Alt-Fuel	EV Charging	4206 EV Charging Payment Processes 4205 EV Pricing	333 Payment Data Updates for EVC	
	Hydrogen		308 H2 Wetstock Mgt	
Payment	Payments & Loyalty	328 POS-EPS API for IFSF 332 Closed Loop API Update 2	329 Update P2F/H2H standards 201 Explore In-Car payments & loyalty	338 A2A Payments 101 Open Loop payment API
	OEM In-Car Payments		201 Explore In-Car payments & loyalty	
Mobility	Mobile Experience		331 Mobile Payment 2FA	
	Reservation Services	206 Explore Advance Orders & Reservations		335 Implement Advance Orders & Res.
APIs	API Test Tools	326 Pilot Manual Certification Process 4187 Develop Test Simulators 4177 Car Wash API 4211 LON API Converter	336 Evaluate Automated Cert Tool	322 Develop Mobile API test simulator
	API Conversions	4220/1/2 Ways of Working Initiatives Enhance Ref Arch	Scan 2026 Roadmap Refresh	Scan/Roadmap
Communications		Scan 2026 Roadmap Refresh	Scan 2026 Roadmap Refresh	Scan/Roadmap

Note: Ongoing Maintenance of existing standards not shown

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Focus Areas		Focus Area Descriptions
Data	Data Dictionary <span>H</span>	Improve adoption and value derived from the Joint IFSF/Conexxus OpenRetailing Data Dictionary. Conduct a strategic review to clarify member needs.
	Enterprise Data Mgt <span>H</span>	Enable advanced reporting, analysis and monitoring through new standard APIs from POS and forecourt devices, that feed cloud-based applications that maximise Retailer's business insights and support optimal decision making.
	Security & Identity <span>H</span>	Maintain/augment good security and privacy practices across existing and new IFSF protocols and standards. Monitor the evolution of biometric ID capabilities.
Alt-Fuel	EV Charging <span>H</span>	Work with partners to improve integration of EVC with retail site functions (payment, loyalty, pricing, reconciliation); Evaluate payment data updates to accommodate EVC.
	Hydrogen <span>L</span>	Build new API integrations for Hydrogen Dispensers based on traditional fuels protocols.
Payment	Payments & Loyalty <span>H</span>	Respond to evolving payment & loyalty demands by updating and creating new payment standards for new processes.
	OEM In-Car Payments <span>M</span>	Monitor the evolution of mobile to OEM In-Car integrations and assess how existing digital payment, loyalty and CarWash APIs can be augmented to take account for these OEM integrations.
Mobility	Mobile Experience <span>H</span>	Evolve existing integration standards to accommodate consumer mobile preferences including expected adoption of touchless (voice initiated) transactions.
	Reservation Services <span>M</span>	Monitor the evolution of reservation services e.g. parking, escooters, food pick-up etc, to determine whether interactions with forecourt systems justify new standards.
APIs	API Test Tools <span>H</span>	Continue to evolve testing tools in line with member survey feedback including creation of an API certification tool.
	API Conversions <span>M</span>	Continue to selectively upgrade legacy standards to APIs, based on agreed value criteria and where technology evolution (eg. Cloud POS) drives vendors to make product changes.
Communications		Clearly articulate IFSF strategic plans and forthcoming initiatives to members and prospective members. Illustrate where standards and software tools apply.

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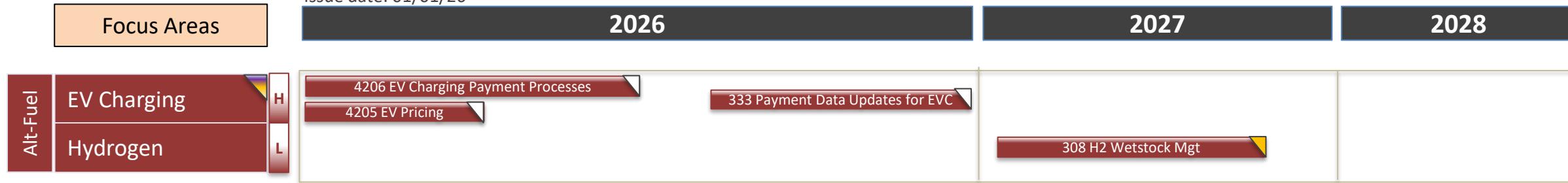
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#	Priority	Initiative Title	Initiative Description & Progress Made (if underway)	
4196	1	Fuels Pricing APIs	Implementation phase of work to update Fuels Pricing API standards in line with the evolution of POS-BOS interfaces	
4195	1	Add DD Report Views	Improve awareness of and improve the user experience of the dictionary by generating reporting views. Add static search.	
4209	1	DD Field Descriptions	Task is to improve the quality of the DD field descriptions, identify redundancies and define synonyms.	
301	2	Improve process for new data dictionary elements	Add rigour and support members in adding new data elements to the dictionary including checks for data duplication and spot checks for new updates. Emphasise need for users to follow rules/procedures and to use new search tools to add elements. Ultimate goal is to achieve automation / use of AI features.	
302	2	Sales Performance API	Consider joining Conexxus' POS-BO WG for Sales Performance Monitoring benefits. Evaluate Conexxus PARA standards and their applicability to IFSF members. Work with select IFSF members to develop use cases based on establishing site links to cloud-based sales performance systems.	
305	2	Implement DD AI Search	Work with partner to Implement improved search capabilities per white paper to make the dictionary more convenient to use (including potential AI mechanisms)	
334	2	Site Facilities Reporting API	Define requirements for the sharing of site facilities information with 3rd parties. Work with members who already provide this information to seek ways to donate their API solutions to IFSF to create a common industry approach. Check whether existing standards exist.	
319	2	Implement DD Strategic Improvements	Implement the improvement recommendations coming from the 'Ways of Working DD' initiative. This might include additional documentation such as a data model or business object model.	
311	3	Consumer Authentication	Evaluate the potential impacts on IFSF standards of emerging security legislation such as PSD3 and the EU's regulation on electronic identification and trust services (eIDAS).	
327	4	Predictive Site Maintenance	Investigate the integration requirements for predictive site maintenance in light of Conexxus' Site Asset standard and the IFSF REMC standard. Complete a gap analysis and make recommendations (use cases/technology) for gap closure, specifying the devices that would benefit most from a standard.	
312	4	Dictionary Health Check	Conduct a health check of the data dictionary to ensure new elements being added correctly per agreed process and UX feedback in line with objectives.	
313	4	Forecourt consumer behaviour analysis	Conduct an analysis, with companies who provide/use forecourt consumer behaviour monitoring (through biometrics/plate recognition/cameras) to drive pricing/maintenance decisions and cross-site optimisation of sales. Establish, through use cases, whether a standard is required.	

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#	Priority	Initiative Title	Initiative Description & Progress Made (if underway)
4206	1	EV Charging Payment Processes	Continued/ongoing engagement with org's to influence EV payment processes, building on white paper created in 2024. Extend to include analysis of 'Plug & Charge' payments, collaborating with OCA, EVRoaming/EMV. Augment white paper to include changes to POS-EPS std resulting from the OCPI std (covers site-CSMS integrations).
4205	1	EV Pricing	Develop a White Paper to clarify the business model and lay out the proposed development of EV Pricing standards. Work with OCA/EV Roaming on the EV charging elements of the paper.
333	2	Payment data updates for EVC	Add fields to POS-FEP and FEP-Host payment standards to accommodate EV charging requirements (eg. EVSE id).
308	5	H2 Wetstock Mgt	Continue to evolve the H2 stds such as tank gauge / wetstock mgt

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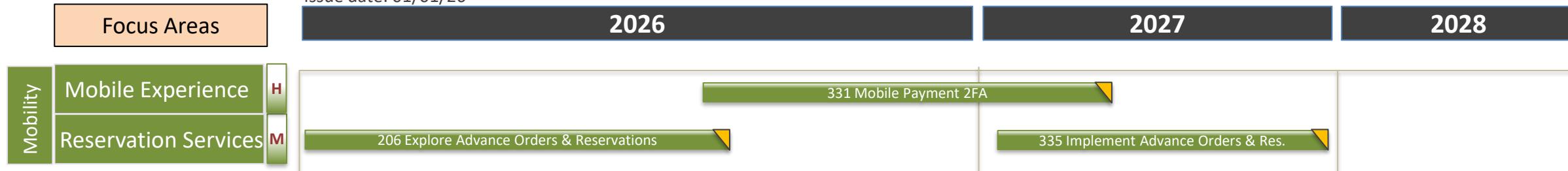
#	Priority	Initiative Title	Initiative Description & Progress Made (if underway)
101	2	Open loop payment API	Extend closed loop payment API to support scheme cards.
328	2	POS-EPS API for IFSF	Make updates to the POS-EPS API standard to make it more compatible with the IFSF POS-EPS XML standard. Develop an implementation/migration guide for IFSF members to guide them through the transition.
329	2	Update P2F/H2H standards	Update P2F/H2H standards: 1) with addition fields to support scheme requirement for transaction linking e.g. to link pre-auths with advices, refunds to financial requests etc; 2) Update existing payment standards to clarify the use of fields to define service type e.g. self-service, unattended vending machine etc and add additional codes or fields where needed.
332	2	Closed Loop API Update 2	Continue to evolve this relatively new standard in line with member's needs
338	3	A2A Payments	Revisit the 2024 Horizon Scan on SEPA to assess whether standards need to be developed based on industry progress with A2A payments.
201	3	Explore In-Car payments & loyalty stds	Investigate In-car payment and loyalty requirements in light of emerging OEM connected car solutions. Perform a gap analysis to evaluate whether existing mobile payment standards can fulfill these requirements. Develop relevant use cases to clarify work required to close gaps in standards.

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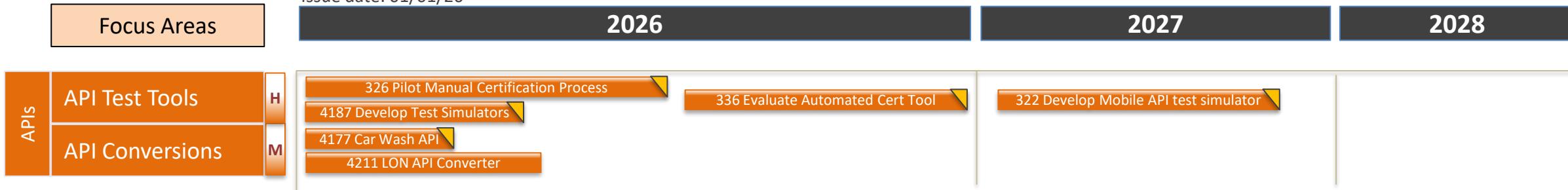
#	Priority	Initiative Title	Initiative Description & Progress Made (if underway)
331	2	Extend 2FA API to mobile payment use cases	Consistent with initiative 4207, extend coverage of 2FA to include mobile payment transactions.
206	3	Explore Advance Ordering & Reservation Services	Develop a White Paper to clarify the business scenarios and high-level requirements of Advance Ordering and Reservation Services standards. Build on work already done with MPPA v2.1 standard and aim to include bay availability and reservation functions in scope. Consider also the impact of cloud platforms on mobile services. Use White Paper to support consultation with other standards bodies to evaluate their existing standards and whether they meet the need. Evaluate also whether existing OpenRetailing standards can be extended to accommodate order fulfillment functions and in-car CW services.
335	4	Implement Advance Ordering and Reservation Services	Implement standards updates identified in White Paper developed through initiative 206.

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4211	1	LON API Converter	Evaluate the business case for creation of a LON converter for vendors to adopt to assist in the transition to API standards.
4177	1	Car Wash APIs	Publish API standards for Car Wash openretailing first common version
4187	1	Develop API Test Tools	Develop simulator scripts to support certification of stds use and agree prices for selling to vendors, including negotiation with Conexxus
326	2	Pilot manual certification process	Work with Conexxus and partner ThinkSys to pilot manual certification using Mob Payment API test certification process developed by ThinkSys.
336	2	Evaluate developing an automated certification tool	On successful completion of pilot initiative 326, implement an automated tool to handle certifications where justified (demand/complexity).
322	3	Develop Mobile v2.0 test simulator	Based on member survey feedback, add a simulator to cover the new v2.0 MPPA mobile standard. Consider using ThinkSys as alternative author.

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