Apex Standards Software-as-a-Service (SaaS) Product Matrix

Code	ASS-05 [1][2]				ASS-10 [3][4][5][6][7][8][9][10]					ASS-11 [11][12]				ASS-12	ASS-15 [10][13]			ASS-20 [14][15]			ASS-30	ASS-35		ASS-40		ASS-70	ASS-80
SaaS Product	ETSI SEP Analysis				3GPP TDoc Analysis					ETSI TS/TR Section Essentiality Anchoring and Analysis				ETSI SR/GR/GR Analysis	SEP-TDoc-TS Knowledge Graph			IEEE 802 Working Group Contribution Analysis			ITU-T Spec Analysis	IETF Draft/RFC STD/BCP Analysis		Open-RAN Spec Analysis		Codec Analysis	Cybersecurity CVE/CVSS/CWE Analysis
Strategic Objective / Organization Functional Role	Global Patent Registry (WO, US, EP, FR, DE, GB, CN, JP, KR, TW, IN, AU, etc)	Declared Patents & Declaration History Look-up and Subject Matter Comparisons	SEP-TS-Version-Section Association	Standard Essentiality Ranking & Landscaping	Comprehensive Analysis for All TSG & WG	TDoc Historic Construction, TSG/WG, Release, Agenda Item, WI, Spec Cross Ref.	Standardization Decision Making and Bifurcation Tracking (Understand How Key Decisions were Negotiated and Handled)	Change Request (CR) Genealogy Tracking & Version/Revision Visualization	TDoc / Work Item (WI) / TS Due Diligence	Standard Essentiality Search by Release, TS, Version, Section Clause, and Page No	SEP Discovery, Validation and Verification	Illustrative Specific Part of the Standard (Section Clause) Search & Anchoring	TS Section Clause to Another TS Section Clause Technical Cross Reference	ETSI ICT Standards and Recommendations Search: Special Reports (SR), Group Specifications (GS), and Group Reports (GR) from Technical Committees (TC) and Industry Specification Groups (ISGs)	Patent, TS, TDoc, Section Relation Network	See the Vicinity of Focal Patents and Other Critically Relevant Documents	Investigate the Nature of Relevance among SEP-TDoc, TDoc-TDoc, SEP-TS and SEP-Section Relations	Search across IEEE 802 Working Groups, Subgroups; Compare Company Positions; Quick Filter by Revisions and DCN	Analysis on IEEE 802 Standardization: Wired, Wireless, Connectivity, Micro-Mobility, Specialty & Regulatory	Track IEEE 802.11's TGbe (Wi-Fi 7) Developments and MESH/IoT Applications	ITU-T Specifications and Recommendations Search: Comprehensive A-Z Series, All Study Groups (SG), Full Text, and Cross-Section Overview	Track RFC Progression, IETF/IRTF/IAB Datatracker, Internet-Draft (I-D) Development & Approvals, Version Control	Working Group Categorization & Topic Linking; Search by Author, ACK, Ref, Change Log, Version; Filter by Pub & Exp Dates	All WGs (WG1-Architecture, WG2-Intelligence, --- WG10-OAM, as well as TIFG-Integration and SFG-Security Groups)	Cross Check O-RAN Alliance Specifications with 3GPP TR/TS Specifications, Interfaces and Vocabulary of Re-Programmability	MPEG, JVET, JCT-VC Standardization; ITU-T H.261-H.266 Standard Search; Cross-check 3GPP-SA4 (Mobile), AOMedia AV1 Codecs	Relating CVE, CVSS, CWE, and SBOM (Software Bill of Materials) for Vulnerability Analysis: Trends, Threat Correlation, Security Control Mapping, Modeling Attack Paths, and Software Dependencies to Enhance Cybersecurity Strategies and Prioritize Risk Mitigation Efforts
Research & Development (R&D) and Innovation																											
Chief Technology Officer (CTO)	X			X	X		X	X			X			X	X	X	X		X		X	X	X	X	X	X	
Divisional R&D Director	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Scientist, Engineer, Inventor	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
State of the Art Search	X	X	X		X	X	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	
Standardization & Eco-system																											
Director	X	X	X	X	X	X	X	X	X		X			X	X	X	X	X	X	X	X	X	X	X	X	X	
Company Delegate	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Back Office Analyst	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Primary Negotiator					X	X			X	X	X	X	X	X							X		X	X	X	X	
Intellectual Property Rights (IPRs), Legal, Patenting, Asset Class and Quality Control																											
Chief IP Officer (CIPO)	X	X	X	X										X							X		X	X	X	X	
Portfolio Manager	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Prior Art Search	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SEP Claim Drafting & Amendment	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SEP Expedited Filing Justification	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SEP In-Licensing	X	X	X	X						X	X	X	X	X	X	X	X	X			X		X		X	X	
SEP Out-Licensing	X	X	X	X						X	X	X	X	X	X	X	X	X			X		X		X	X	
SEP Identification					X	X			X	X	X	X	X	X				X			X		X		X	X	
SEP Verification										X	X	X	X	X				X			X		X		X	X	
SEP Selection	X	X	X	X						X	X	X	X	X	X	X	X	X			X		X		X	X	
SEP Assertion	X	X	X	X										X	X	X	X	X			X		X		X	X	
F/RAND Rate Determination	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X			X		X		X	X	
Implementation, Coordination, Certification, Design, Production & Manufacturing																											
Product Specification										X								X	X		X		X		X	X	X
Standard Compliance										X								X	X		X		X		X	X	X
Chip/Product Patent-TS Marking										X								X	X		X		X		X	X	X
Vendor Relation										X								X	X		X		X		X	X	X
Supply Chain Management										X								X	X		X		X		X	X	X
Strategic Investment / IP Acquisition and Offloading / Merger and Acquisition (M&A)																											
IP Risk Exposure Analysis	X	X	X	X	X		X	X			X							X	X			X	X	X		X	
IP Valuation	X	X	X	X	X		X	X			X							X	X			X	X	X		X	
IP Acquisition	X	X	X	X	X		X	X			X							X	X			X	X	X		X	
IP Offloading / Pruning	X	X	X	X	X		X	X			X							X	X			X	X	X		X	
IP Financing / Lending	X	X	X	X	X		X	X			X							X	X			X	X	X		X	
IP Insurance	X	X	X	X	X		X	X			X							X	X			X	X	X		X	
Government Relation, Policy Advisement and Regulation																											
Antitrust Evidence Analysis	X	X	X	X	X	X	X	X	X			X	X	X				X	X		X	X	X	X	X	X	X
National Standardization Monitoring					X	X	X	X	X			X	X	X				X	X		X	X	X	X	X	X	X
National Security Analysis					X	X	X	X	X			X	X	X				X	X		X	X	X	X	X	X	X
Science & Tech Reliance Analysis	X	X	X	X	X	X	X	X	X			X	X	X				X	X		X	X	X	X	X	X	X
Geopolitical Risk Analysis	X	X	X	X	X	X	X	X	X			X	X	X				X	X		X	X	X	X	X	X	X

References

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