AFTEL Billing System

Existing Features

(Annex-01)

2023/12/03

SN	Feature Name	Domain
1	**Customer Maintenance**	
2	Customer Inquiry	
3	Customer Creation	
4	Customer Profile Maintenance	
5	Customer Detailed Profile View	
6	Account Inquiry	
7	Account Creation	
8	Account Profile Maintenance	
9	Account Detailed Profile View	
10	Subscriber Inquiry	
11	Subscriber Detailed Profile View	
12	**Order Entry**	
13	[Mobile] Batch Pre-New Connection	
14	[Mobile] Batch Cancellation of Pre-New connection	
15	[Mobile] New Connection	
16	[Mobile] Change main Product	
17	[Mobile] Activation	
18	[Mobile] Subscriber Information Modification	
19	[Mobile] Conversion from Prepaid to Postpaid	
20	[Mobile] Conversion from Postpaid to Prepaid	
21	[Mobile] Change Subscription Plan	
22	[Mobile] Suspension Under Request	
23	[Mobile] Resumption Under Request	
24	[Mobile] Card Lost Suspension	
25	[Mobile] Card Lost Resumption	
26	[Mobile] Transfer	
27	[Mobile] Credit Limit Modification	
28	[Mobile] Change Number	PoS
29	[Mobile] Card Duplication	
30	[Mobile] Termination	
31	[Mobile] Re-connection	
32	[Mobile] Individual Lifecycle Setting	
33	[Mobile] Join VPN/CUG Group	
34	[Mobile] Quit VPN/CUG Group	
35	[Mobile] F&F Number Service	
36	Goods Selling	
37	Goods Change	
38	Goods Return	
39	**Cash Management**	
40	Cash Allocation	
41	General Ledger Reconciliation	
42	Detail Reconciliation	
43	Cash Settlement	
44	Authority Management	
45	One-time Charge Calculation and Collection	
46	**Payment & Adjustment**	
47	Payment	
48	Ledger Adjustment	
49	**Inventory Maintenance**	
50	Number Reservation	
51	Number De-reservation	
52	Goods Reservation	
53	Goods De-reservation	
54	Dispatch Task Center	
55	Dispatch Notification Center	

SN	Feature Name	Domain
56	**Order Orchestration**	
57	Workflow Configuration	
58	Workflow Eligibility Rule	
59	Publish Workflow	
60	**Order Establishment**	
61	Customer Order Step Guidance	
62	Goods Order Step Guidance	
63	Validation Guidance	
64	Order Data Collection	
65	Batch Order Data Collection	
66	Offering Availability	Order Management
67	Order Validation	
68	**Order Publication**	
69	Order Publication	
70	**Order Tracking**	
71	Order Monitor	
72	Order Inquiry	
73	Order Memo	
74	Order Notification	
75	Order Reservation	
76	**Order Lifecycle Management**	
77	Order State Management	
78	**Hierarchy & Group Management**	
79	Group Type	
80	Group Maintenance	
81	Special List	
82	**Customer Management**	
83	Customer Inquiry	
84	Customer Creation	
85	Customer Profile Maintenance	
86	Customer Detailed Profile View	
87	**Billing Account Management**	
88	Account Inquiry	
89	Account Creation	
90	Account Profile Maintenance	Customer Center
91	Account Detailed Profile View	
92	Account Payment Relationship Management	
93	Deposit Management	
94	**Offer Instance& Proudct Instance Management**	
95	Order Customer of Offer Instance	
96	Owner of Product Instance	
97	Payer of Product Instance	
98	**Offer Instance Maintenance**	
99	Add Offer Instance	
100	Modify Offer Instance	
101	Query Offer Instance	
102	Add Product instance	
103	Modify Product Instance	
104	Query Product Instance, Troubel Ticketing TTS, Provissioning	OSS

SN	Feature Name	Domain
105	**Offer Catalog**	
106	Management Catalog	
107	Sales Catalog	
108	**Offer Configuration**	
109	Offer	
110	Offer Version	
111	Offer Attribute	
112	Related product Offer	
113	Price Pan Offer	
114	Goods Product Offer	
115	Offer Package	
116	**Offer Rule**	
117	Offer Relationship - Exchangeable	
118	Offer Relationship - Parallel Upgrade	Product Mangement
119	Offer Relationship - Mutually Exclusive	
120	Offer Relationship - Dependent	
121	Offer Relationship - Dependent and Automatic Subscription	
122	Offer Relationship - Automatic Subscription and Non-automatic Cancellation	
123	Offer Relationship - Weekly Dependent	
124	Offer Relationship - Mutually Exclusive for Disable	
125	**Main Product**	
126	Main Product Configuration	
127	Product Attribute	
128	**Product Management**	
129	Main Product	
130	Related Product	
131	Product Attribute	
132	**Number Resource Management**	
133	Number Type	
134	Number Grade and Grade Rule	
135	Create Number Resource	
136	Reserve Number	
137	De-reserve Number	
138	Number API	
139	Number Recycle	
140	Number Lifecycle	
141	Number Information Maintenance	
142	IMSI Resource Generation	
143	IMSI Resource Maintenance	
144	ICCID Number Segment	
145	Create SIM Card Resource	Inventory Management
146	SIM Card API	
147	SIM Card Recycling	
148	SIM Card Lifecycle	
149	SIM Card Information Maintenance	
150	SIM Card &Number Binding	
151	SIM Card & Number Unbinding	
152	**Goods Resource Management**	
153	Goods Specification Management	
154	Goods Information Maintenance	
155	Goods Stock-in	
156	Goods Pricing	
157	Goods Boxing	

SN	Feature Name	Domain
158	Business Customer Inquiry	
159	Customer Account Inquiry	
160	Customer Member Inquiry	
161	Customer Profile View - Customer Basic Information	
162	Customer Profile View - Customer Group	
163	Customer Profile View - Customer Relationship	
164	Customer Profile View - Customer Contact Person	
165	Customer Profile View - Customer Member	
166	Customer Profile View - Account	
167	Customer Profile View - Payment & Invoice	
168	Customer Profile View - Static Pool	
169	Customer Profile View - Balance Share	
170	**Business Member Management**	
171	Member Type	
172	Member Export	
173	**OM Management**	
174	OM Order Entry	
175	OM Order Entry - New Connection	
176	OM Order Entry - Suspension	B Portal
177	OM Order Entry - Resume	
178	OM Order Entry - Termination	
179	OM Order Entry - Change Account	
180	OM Order Entry - Change Customer	
181	OM Order Entry - Change VAS	
182	**BM/PM Management**	
183	BM/PM adding	
184	BM/PM Migration	
185	BM/PM Removal	
186	BM Balance Share Setting	
187	**Business Offer**	
188	VPN Group	
189	VPN New Connection	
190	Join VPN	
191	Quit VPN	
192	VPN Suspension/Resume	
193	VPN Termination	
194	**CSP-defined Balance Definition**	
195	CSP-defined Balance Type	
196	CSP-defined Balance Validity Period	
197	**Balance Consumption**	
198	Preparation	
199	Normal Reservation	
200	Accurate Reservation	
201	Balance Deduction	
202	Reservation Release	
203	**Balance Change Management**	Balance Management
204	Balance Generation Capability	
205	Balance Change Capability	
206	Balance Debit Capability	
207	Balance Transfer Capability	
208	Balance Carrying-Forward Capability	
209	Balance Adjustment Capability	
210	**Recharge**	
211	Recharge Interface to integrate with multiple channels	
212	third-party	

SN	Feature Name	Domain
213	**Event Configuration**	
214	Usage Event Configuration	
215	Recurring Event Configuration	
216	One-off Event Configuration	
217	**Price Plan Configuration**	
218	Price Plan Level	
219	Configuring Price Plan	
220	Configuring Price Plan Version	
221	Configuring Rate Plan	
222	Configuring Price	
223	Configuring Benefit	Business Configuration
224	Configuring Tax	
225	Configuring Accumulation	
226	Export & import Price plan	
227	**Balance Configuration**	
228	Balance Type Configuration	
229	Normal Reservation Policy configuration	
230	**Price Plan Reference Repository**	
231	Account Item Type Configuration	
232	Zone Configuration	
233	**Format conversion**	
234	Format conversion	
235	**NE Adaptation Layer**	
236	NE Adaptation Layer	
237	**Service Identification**	
238	Service Identification	
239	**Log Management**	
240	Log Management	Online Collection
241	**Advanced Features**	
242	Statistics Capability	
243	Overload Control	
244	Number Tracing	
245	Abnormal Link Identify	
246	Network Alarm	
247	Charging Protocol Support	

SN	Feature Name	Domain
248	**Quick Data Readiness**	
249	Quick Profile Load & Refresh without restart charging server	
250	Quick Tariff Load & Refresh without restart charging server	
251	**Basic Charging Capacity**	
252	Voice Service Charging	
253	SMS Service Charging	
254	Data Service Charging	
255	ISMP Service Charging	
256	IMS Service Charging	
257	**Rating Engine**	
258	Basic Rating Factor	
259	Advanced Rating Factor: Event Property	
260	Advanced Rating Factor: Product attributes	
261	Advanced Rating Factor: Customer attributes	
262	Advanced Rating Factor: Relevant accumulation	
263	Basic Rating Algorithm	
264	Rating Result: Price Charge	
265	Rating Result: Event Benefit	
266	Rating Result: Balance Trigger for Advice	
267	Rating Result: Balance Trigger for Event	
268	**Credit Limit Control**	
269	Real Time Credit Limit Control	
270	Real Time Credit Limit Control for Dedicated Service	
271	CSP-defined Trigger for Credit Limit Contrl	
272	Reactivate after Credit Limit Control	
273	**Online Charging**	
274	CSP-defined Pre-processing Rules for Online Charging	
275	Session Based Charging	
276	Event Based Charging	
277	CDR Generation	Charging
278	Abnormal Session Processing	
279	Refund	
280	**Offline Charging**	
281	CSP-defined Pre-processing Rules for Offline Charging	
282	File Rate Capability	
283	Wrong CDRs Recycle	
284	Re-Rate	
285	Emergency Rating	
286	**Recurring Charging**	
287	CSP-defined Workflow for Recurring Charging	
288	Recurring Charging with Main Product	
289	Recurring Charging with Related Product	
290	Recurring Charging with Tariff Plan	
291	Cycle Fold Recurring Charging	
292	Cycle Forward Recurring Charging	
293	Daily Fold Recurring Charging	
294	Daily Forward Recurring Charging	
295	Variable Cycle Fold Recurring Charging	
296	Variable Cycle Forward Recurring Charging	
297	Pro-rate: currency	
298	Pro-rate: volume	
299	Pro-rate: duration	
300	Pro-rate: occurrence	
301	Recurring Refund	
302	**One-time Charging**	
303	One-time Charging	
304	**Utilities**	
305	Automatically store CDR in database	

SN	Feature Name	Domain
306	CDR Query GUI	

SN	Feature Name	Domain
307	**Ledger Collection**	
308	Ledger Collection	
309	**Bill Discount**	
310	Basic Bill Discount: Fixed Value	
311	Basic Bill Discount: Percent	
312	Basic Bill Discount: Summation	
313	Basic Bill Discount: Ceiling and Floor	
314	Bill Discount Based on Account Item	
315	Expression Bill Discount	
316	**Tax Calculation**	
317	Basic Tax: Fixed Value	Invicing
318	Basic Tax: Percent	
319	Tax Based on Account Item	
320	Expression Tax Calculation	
321	**Ledger Export**	
322	Ledger Export	
323	**Bill Generation**	
324	Bill Generation	
325	**Bill Format**	
326	Bill Format	
327	Bill Template	
328	Bill Printing	
329	**Payment**	
330	Payment through CSP	
331	Payment through third-party	
332	Payment Reverse	
333	Payment Reconciliation	
334	Payment History	
335	**Recharge**	
336	Recharge through CSP	
337	Recharge through third-party	Receivables Management
338	Recharge History	
339	**Account Receivable**	
340	Bill Settlement	
341	Bill Settlement Reverse	
342	Ledger Adjustment Before Invoicing	
343	Ledger Adjustment After Invoicing	
344	Ledger Dispute	
345	**Collection Policy Management**	
346	Collection Category	
347	CSP-defined Collection Rule	
348	Rule Node	
349	Debt Element	
350	Assignment Expressions	
351	Judgment Condition	
352	Collection Activity	Collection Management
353	Collection Status	
354	**Collection workflow**	
355	Time Batch Collection	
356	Real-time Collection	
357	Manual Collection	
358	**Bad Debt**	
359	Bad Debt Processing	

SN	Feature Name	Domain
360	Customer Contact	Technical Framework
361	Contact Channel	
362	Advice Template	
363	Advice Trigger	
364	Advice Sending	
365	Advice Monitor	
366	Self-service Flow	
367	Job	Job Server
368	Trigger	
369	Scheduler	
370	Recycle Number	
371	Recycle SIM Card	
372	Suspension Notification	
373	One-way Block Due to Balance Expiry	
374	One-way Block Due to Debt	
375	Two-way Block Due to Debt	
376	Termination	
377	Renew Product	
378	Renew Price	
379	Timer Event	
380	Export CDR	
381	Activation handling	
382	Batch order processing	
383	Batch Pre-new Connection	
384	Debt Management	
385	Clear Expired Balance	
386	Reconcile	
387	Loan Repayment Notification	
388	Multiple Balance Expiry Notification	
389	Clear Recharge Error Accumulation	
390	Reset Balance	
391	Refresh Cache	
392	Debit Handling	
393	Credit Control	
394	Balance and Accumulation Notification	
395	SMS Self-servie scanning	

SN	Feature Name	Domain
396	**Workbench**	
397	Portal Page Framework	
398	Workbench View	
399	Function Area	
400	Workbench Customization	
401	**Login Management**	
402	**Staff Management**	
403	Staff Information Management	
404	Staff Validation/Invalidation Management	
405	Organization/Staff Relationship Management	
406	**Organization Management**	
407	Organization Information Management	
408	Organization Validation/Invalidation Management	
409	Affiliation Organization Acquisition	
410	**System User Management**	
411	User Information Management	
412	User Validation/Invalidation Management	
413	User Role Management	
414	User Position Management	
415	User Password Management	
416	**Privilege Management**	
417	Privilege Information Management	
418	Authorization	
419	Privilege Acquisition	NG Portal
420	**Role Management**	
421	Role Information Management	
422	Role-related Position Management	
423	**Position Management**	
424	Position Information Management	
425	Position-related Organization Management	
426	**Menu Management**	
427	Menu Information Management	
428	Menu Classification Management	
429	Popular Menu Management	
430	Menu Personalized Management	
431	**Smart Search**	
432	**Operation & Maintenance Management**	
433	Clicks Statistics	
434	Page Loading Time	
435	**Bulletin Management**	
436	Bulletin Publish	
437	Bulletin Modification	
438	Bulletin Invalidation	
439	**To-Do Management**	
440	To-do Item Configuration	
441	To-do Item Classification	

SN	Feature Name	Domain
442	Voucher center (VC) with open licence generation	VC Center
443	Generating VC for calling cards (can be used for PSTN)	
444	Generating VC for GSM,PSTN,ADSL,Wimax	
445	Generating VC base geographic Area	
446	Batch Management	
447	Issue Card	
448	Unissue Card	
449	From portal VC Recharge	
450	Modify Expired Date	
451	Change Lock and unlock State	
452	Query Recharge Log	
453	Query Operation Log	
454	Statistics of Recharge	
455	Statistics of Service	
456	Statistics of Card Quantity	
457	Statistics of Batch information	
458	Portal Management interface	
459	VC system should very secure	
460	Encrypting and Decrypting tools	
461	Web based user friendly access	USSD SYSTEM
462	Multiple Language support	
463	Integration with any VAS services APP	
464	Can be fast creating new USSD menu services base on market requirement	
465	Centralized for all USSD services	
466	3rd party integration with API	
467	Very easily Data services Activation / Deactivation can be do by customers	
468	creation and modify new menu	
469	Unable disable third party application Service	
470	Black-White List Setting	
471	USSD Log Query	
472	USSD monitoring	
473	USSD Statistics	
474	Portal Management interface	
475	Recharge through Voucher cards	
476	Balance transfer	
477	Data transfer	
478	Query balance	
479	F&F	
480	Loan function	
481	Call me back	
482	Active data services	
483	Creating IVR flow for GSM/PSTN	IVR
484	Web based user friendly access	
485	Can be fast creating new IVR services base on market requirement	
486	Create and modify various IVR services menu	
487	Portal Management interface	
488	Very easily Data services Activation / Deactivation can be do by customers	
489	Recharge through IVR	
490	Query balance	
491	Connect to call center	
492	Statistics of IVR Service	
493	Multiple Language support	
494	IVR CDR	
495	Low balance notifications	
496	F&F	
497	Connection with 5 MSCs and HLR through SIU and 5 SCPs	Connection with MSCs & HLR
498	Unified Mediation and Settlement for data collection and interconnection	Mediaiton and Settlement