CDR Analysis Report: Outgoing Anomalies

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Source File: cdr (1) (2).csv

1. Executive Summary

This report analyzes outgoing call patterns to detect suspicious activity. The analysis applied a threshold of >5 for international calls and >10 calls per hour for spike detection.

2. Excessive International Calls

Calling Number	Total Int'l Calls
user_1	10
user_10	9
user_100	10
user_101	9
user_102	12
user_103	8
user_104	13
user_105	6
user_106	8
user_107	6
user_108	13
user_109	13
user_11	10
user_110	6
user_111	15
user_112	11
user_113	10

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user_114	6
user_115	9
user_116	7
user_117	10
user_118	10
user_119	8
user_12	10
user_120	11
user_13	7
user_14	8
user_15	7
user_16	9
user_17	10
user_18	10
user_19	8
user_2	10
user_20	9
user_21	6
user_22	14
user_23	12
user_24	14
user_25	7
user_26	8
user_27	8
user_28	6

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user_29	15
user_3	13
user_31	12
user_32	11
user_33	15
user_34	11
user_35	11
user_36	8
user_37	11
user_38	9
user_39	8
user_4	13
user_40	8
user_41	10
user_42	9
user_43	9
user_44	8
user_45	9
user_46	14
user_47	12
user_48	11
user_49	8
user_5	15
user_50	13
user_51	7

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user_52	9
user_54	12
user_55	12
user_56	11
user_57	12
user_58	8
user_59	12
user_6	9
user_60	8
user_61	9
user_62	11
user_63	13
user_64	12
user_65	12
user_66	12
user_67	9
user_68	11
user_69	14
user_7	12
user_70	11
user_71	11
user_72	11
user_73	10
user_74	14
user_75	6

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user_76	6
user_77	13
user_78	10
user_79	10
user_8	10
user_80	10
user_81	9
user_82	12
user_83	11
user_84	13
user_85	11
user_86	10
user_87	12
user_88	9
user_89	10
user_9	13
user_90	7
user_91	10
user_92	11
user_93	9
user_94	12
user_95	10
user_96	9
user_97	11
user_98	8

user_99	11

3. Hourly Call Spikes

No sudden spikes detected.