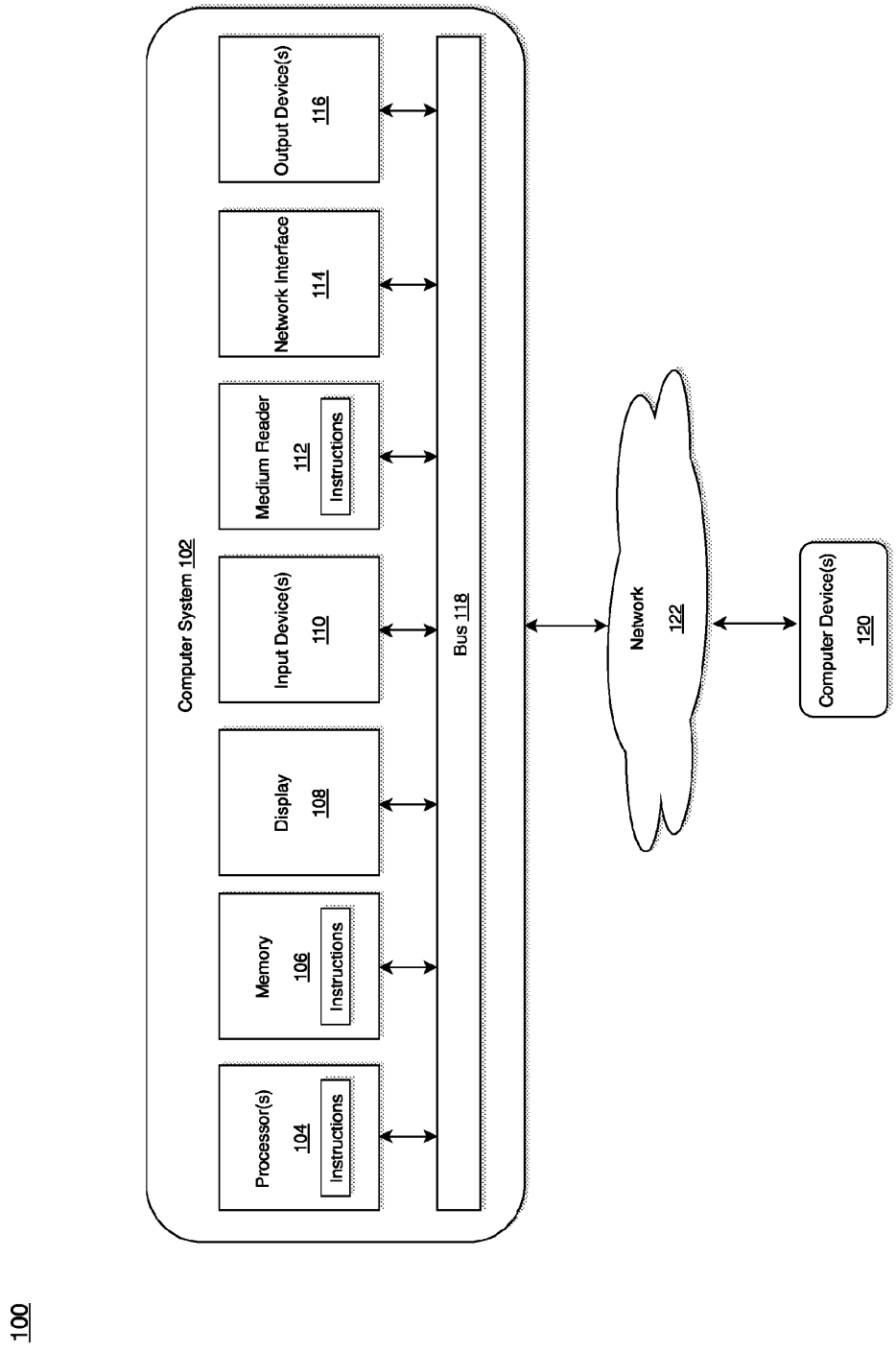

100
Computer System 102
Processor(s) 104
Instructions
Memory 106
Instructions
Display 108
Input Device(s) 110
Medium Reader 112
Instructions
Network Interface 114
Output Device(s) 116
Bus 118
Network 122
Computer Device(s) 120

FIG. 1

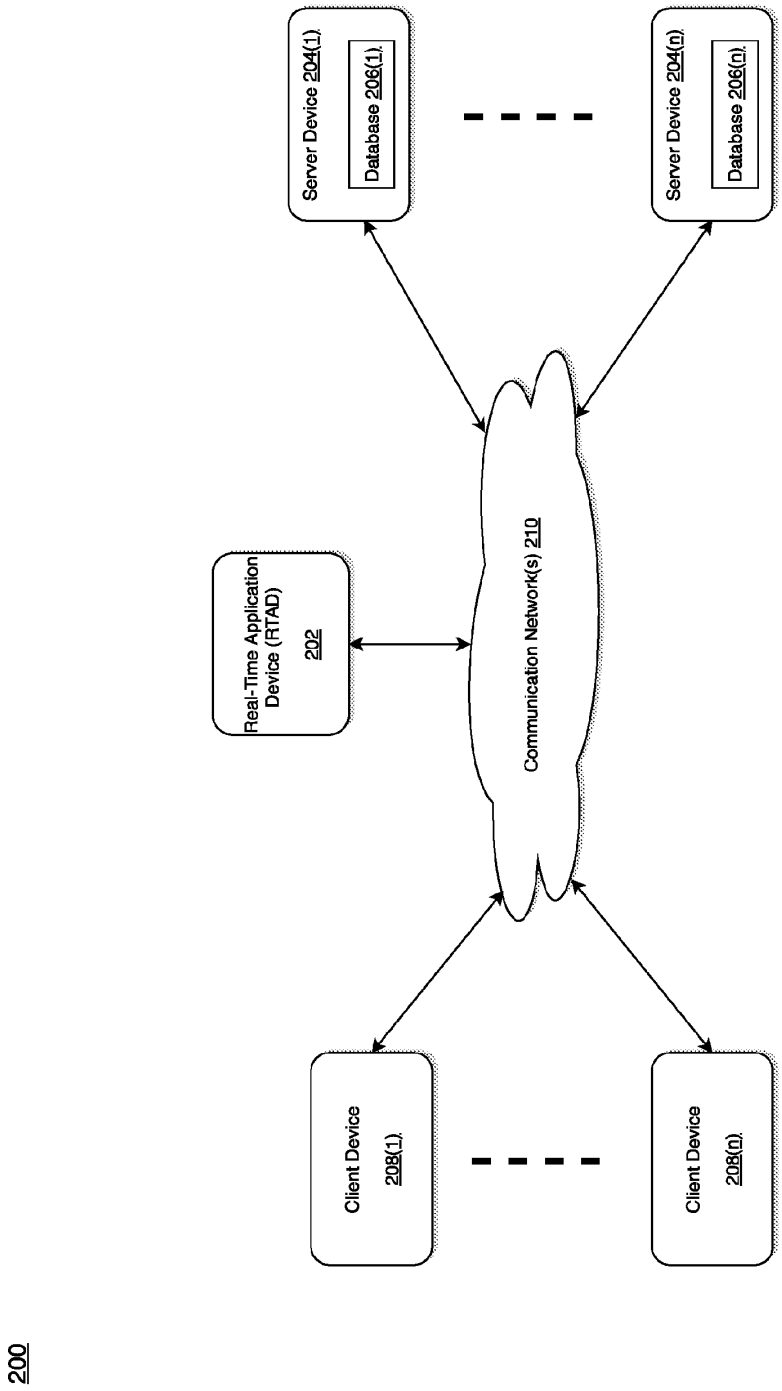

Server Device 204(1)
Database 206(1)
Server Device 204(n)
Database 206(n)
Real-Time Application Device (RTAD) 202
Communication Network(s) 210
Client Device 208(1)
Client Device 208(n)
200

FIG. 2

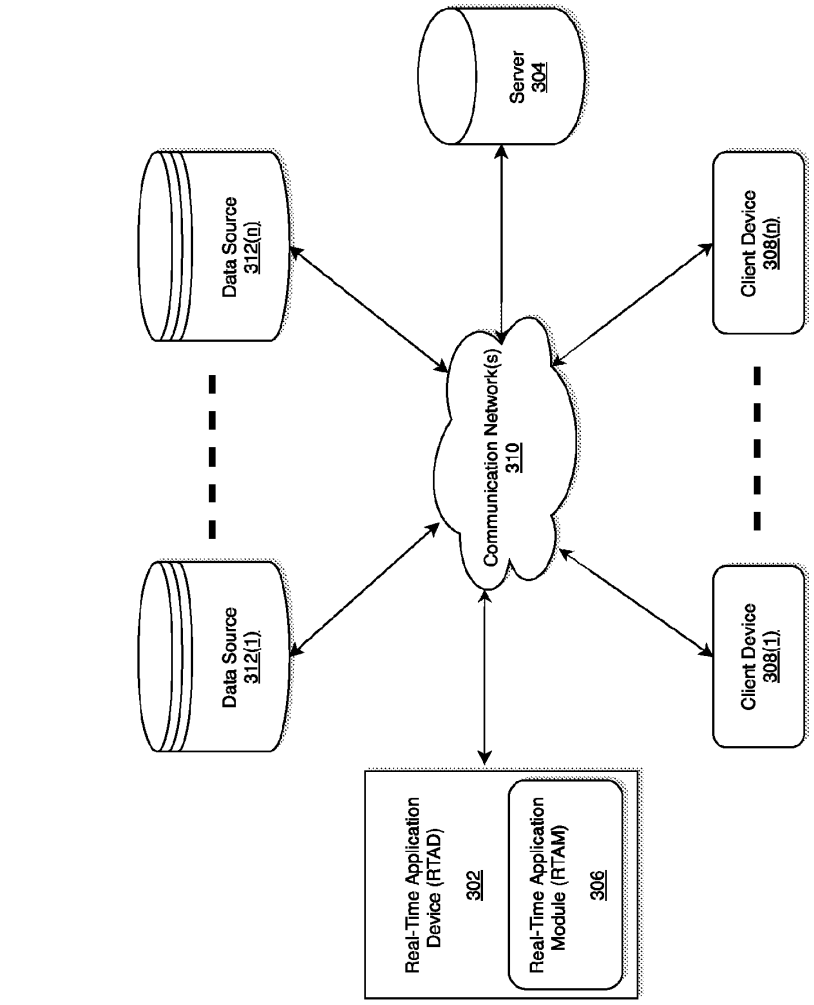

300
Server
304
Data Source
312(n)
Client Device
308(n)
Communication Network(s)
310
Data Source
312(1)
Client Device
308(1)
Real-Time Application
Device (RTAD)
302
Real-Time Application
Module (RTAM)
306

FIG. 3

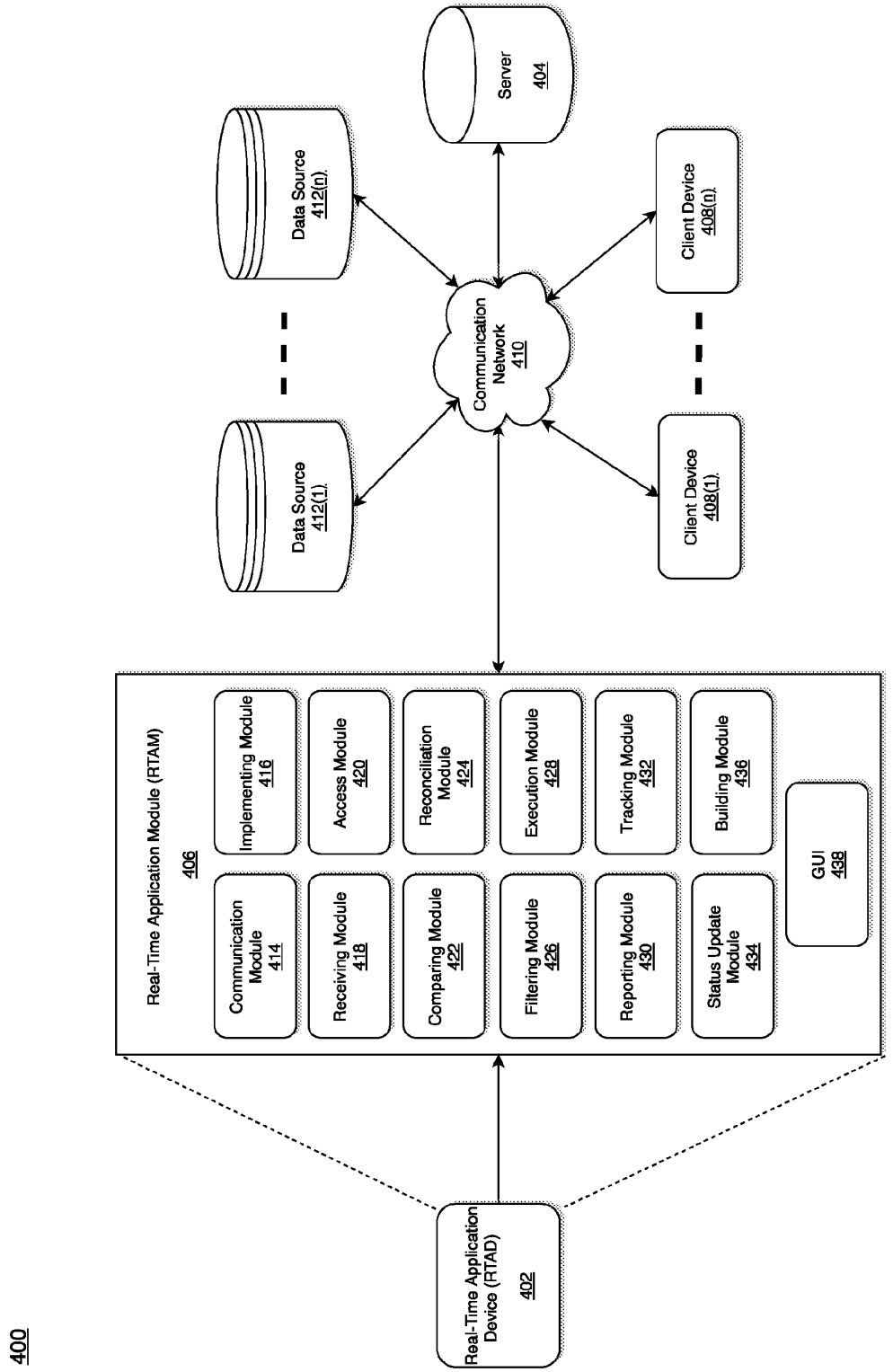

400
Real-Time Application Device (RTAD) 402
Real-Time Application Module (RTAM) 406
Communication Module 414
Receiving Module 418
Comparing Module 422
Filtering Module 426
Reporting Module 430
Status Update Module 434
Implementing Module 416
Access Module 420
Reconciliation Module 424
Execution Module 428
Tracking Module 432
Building Module 436
GUI 438
Communication Network 410
Server 404
Data Source 412(1)
Data Source 412(n)
Client Device 408(1)
Client Device 408(n)

FIG. 4

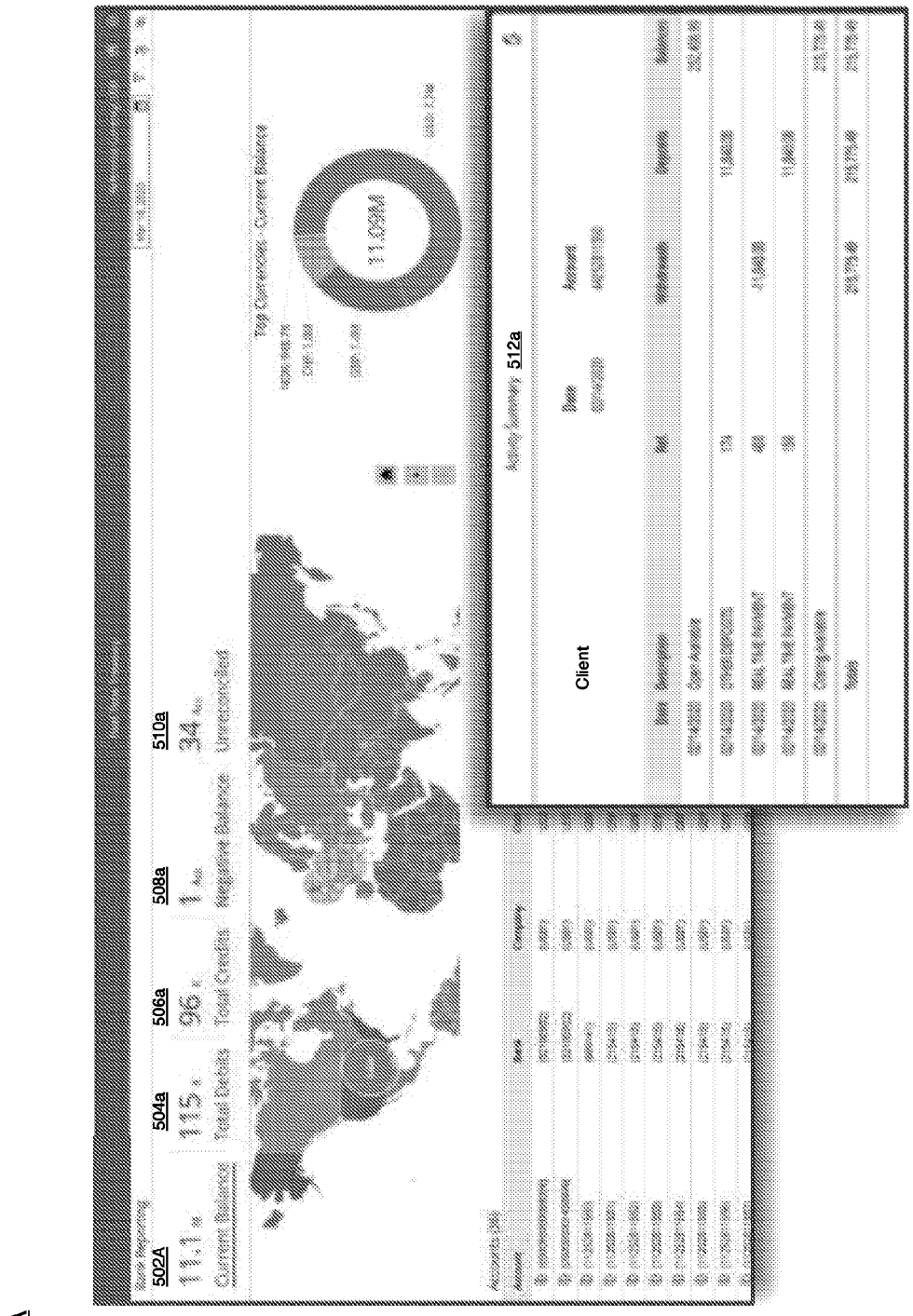


FIG. 5A

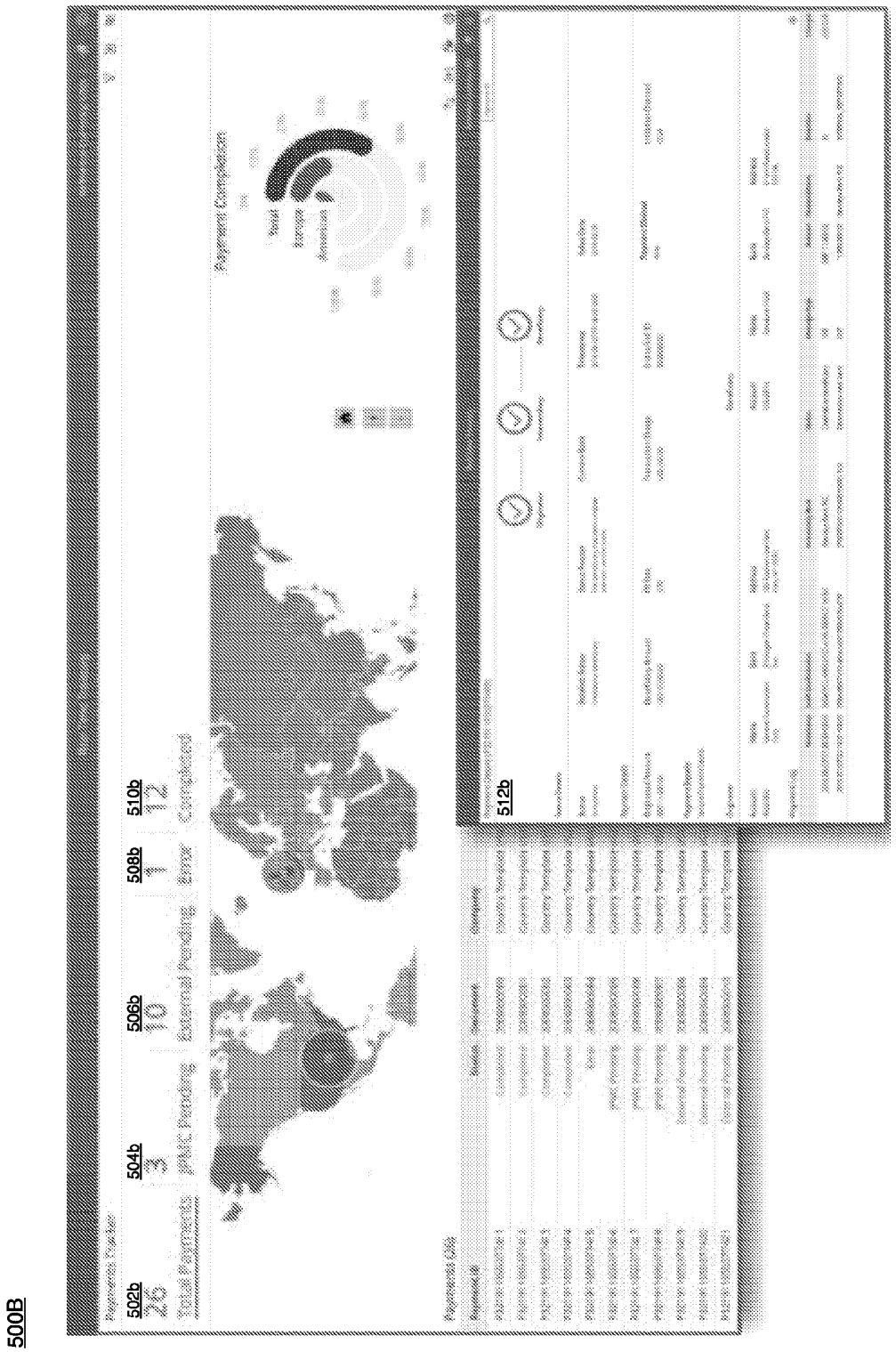


FIG. 5B

500C

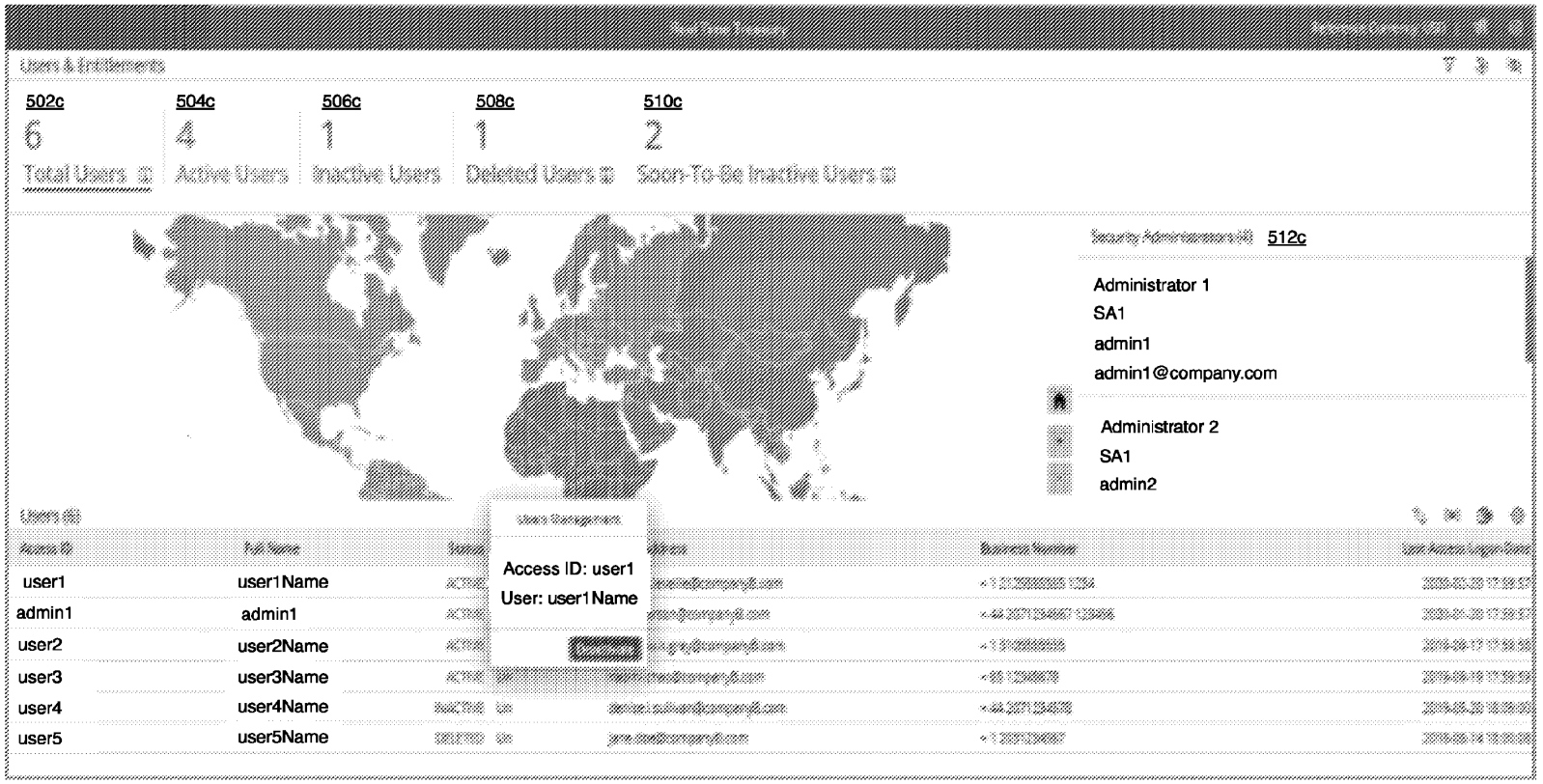

502c
6
Total Users
504c
4
Active Users
506c
1
Inactive Users
508c
1
Deleted Users
510c
2
Soon-To-Be Inactive Users
512c
Administrator 1
SA1
admin1
admin1@company.com
Administrator 2
SA1
admin2
Access ID: user1
User: user1Name
user1 user1Name
admin1 admin1
user2 user2Name
user3 user3Name
user4 user4Name
user5 user5Name

FIG. 5C

600

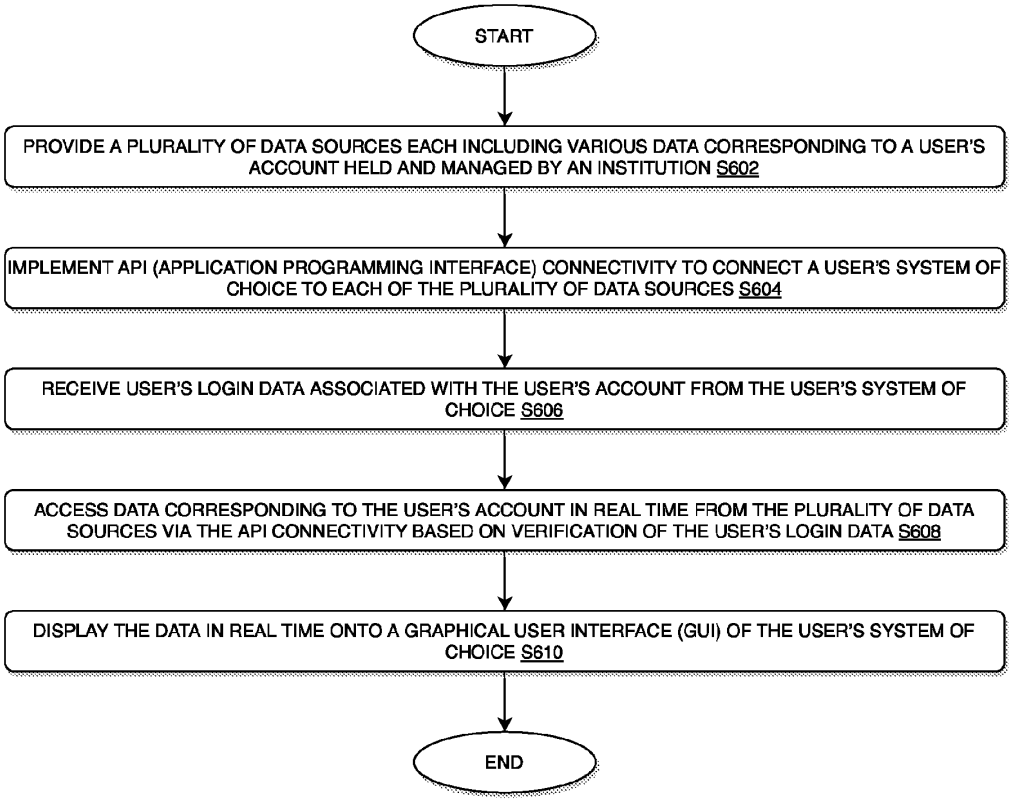

START
PROVIDE A PLURALITY OF DATA SOURCES EACH INCLUDING VARIOUS DATA CORRESPONDING TO A USER'S ACCOUNT HELD AND MANAGED BY AN INSTITUTION S602
IMPLEMENT API (APPLICATION PROGRAMMING INTERFACE) CONNECTIVITY TO CONNECT A USER'S SYSTEM OF CHOICE TO EACH OF THE PLURALITY OF DATA SOURCES S604
RECEIVE USER'S LOGIN DATA ASSOCIATED WITH THE USER'S ACCOUNT FROM THE USER'S SYSTEM OF CHOICE S606
ACCESS DATA CORRESPONDING TO THE USER'S ACCOUNT IN REAL TIME FROM THE PLURALITY OF DATA SOURCES VIA THE API CONNECTIVITY BASED ON VERIFICATION OF THE USER'S LOGIN DATA S608
DISPLAY THE DATA IN REAL TIME ONTO A GRAPHICAL USER INTERFACE (GUI) OF THE USER'S SYSTEM OF CHOICE S610
END

FIG. 6