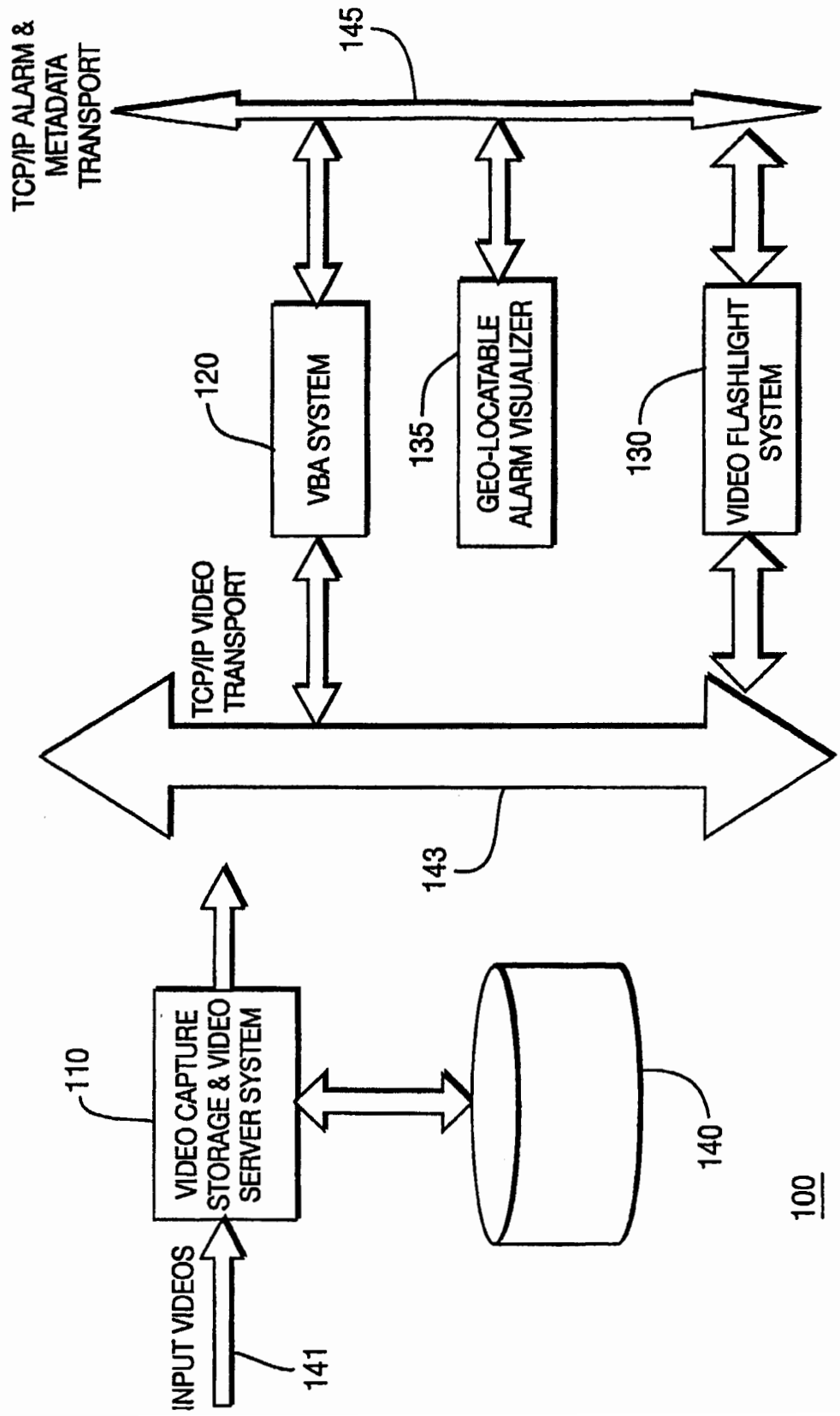
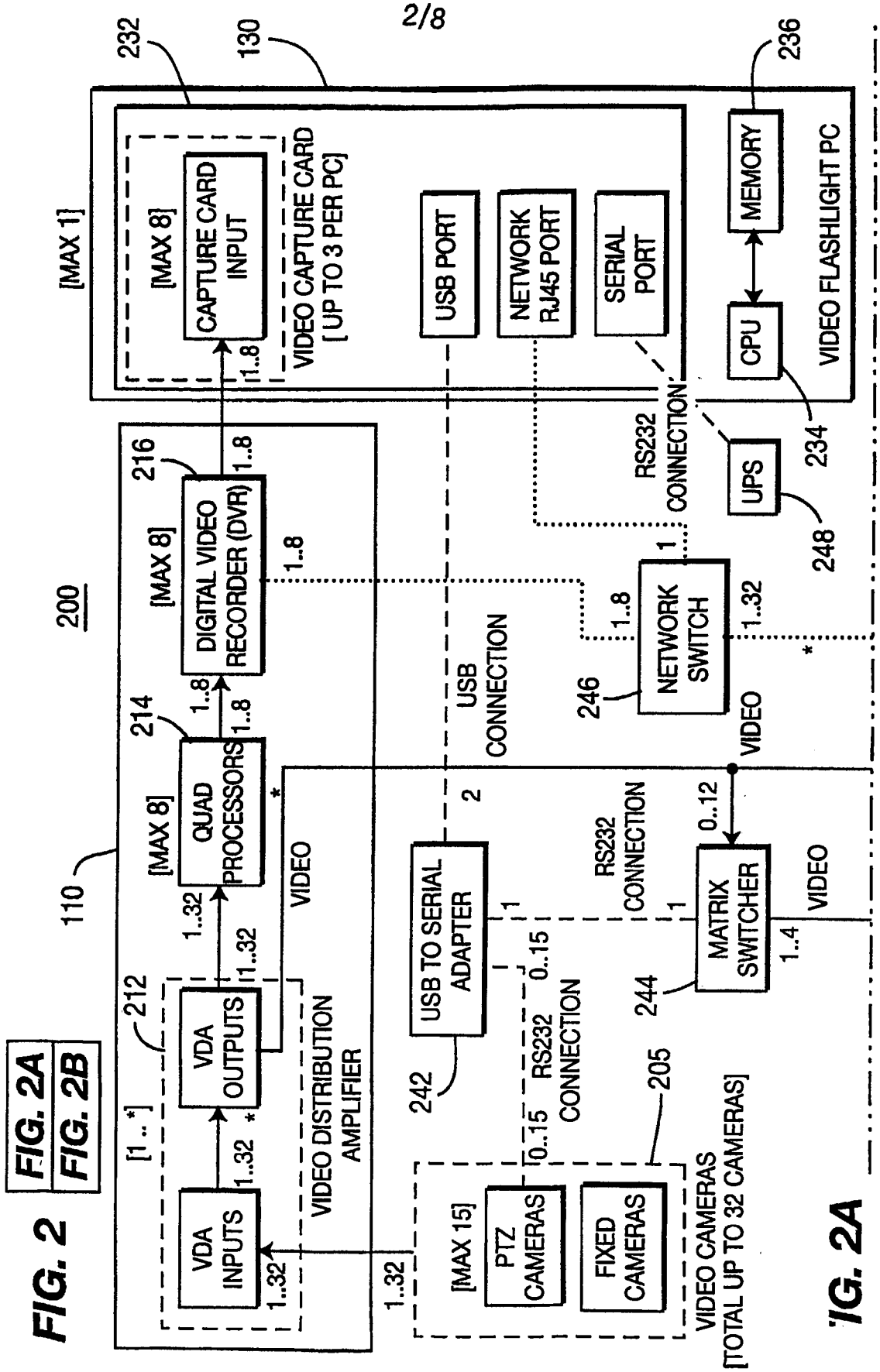

TCP/IP ALARM & METADATA TRANSPORT
145
VBA SYSTEM
120
GEO-LOCATABLE ALARM VISUALIZER
135
VIDEO FLASHLIGHT SYSTEM
130
TCP/IP VIDEO TRANSPORT
143
VIDEO CAPTURE STORAGE & VIDEO SERVER SYSTEM
110
140
INPUT VIDEOS
141
100

FIG. 1

FIG. 2 FIG. 2A FIG. 2B



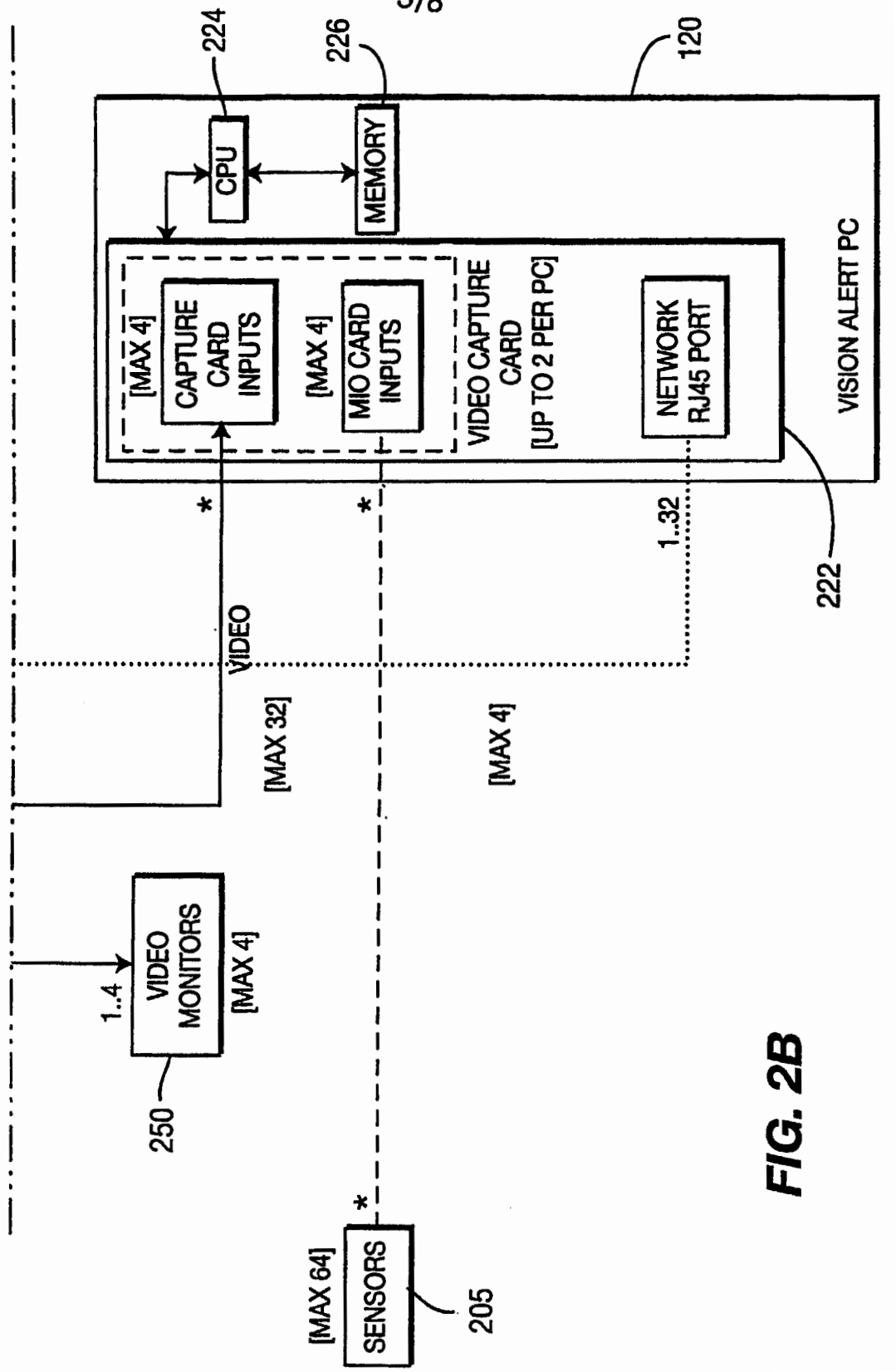
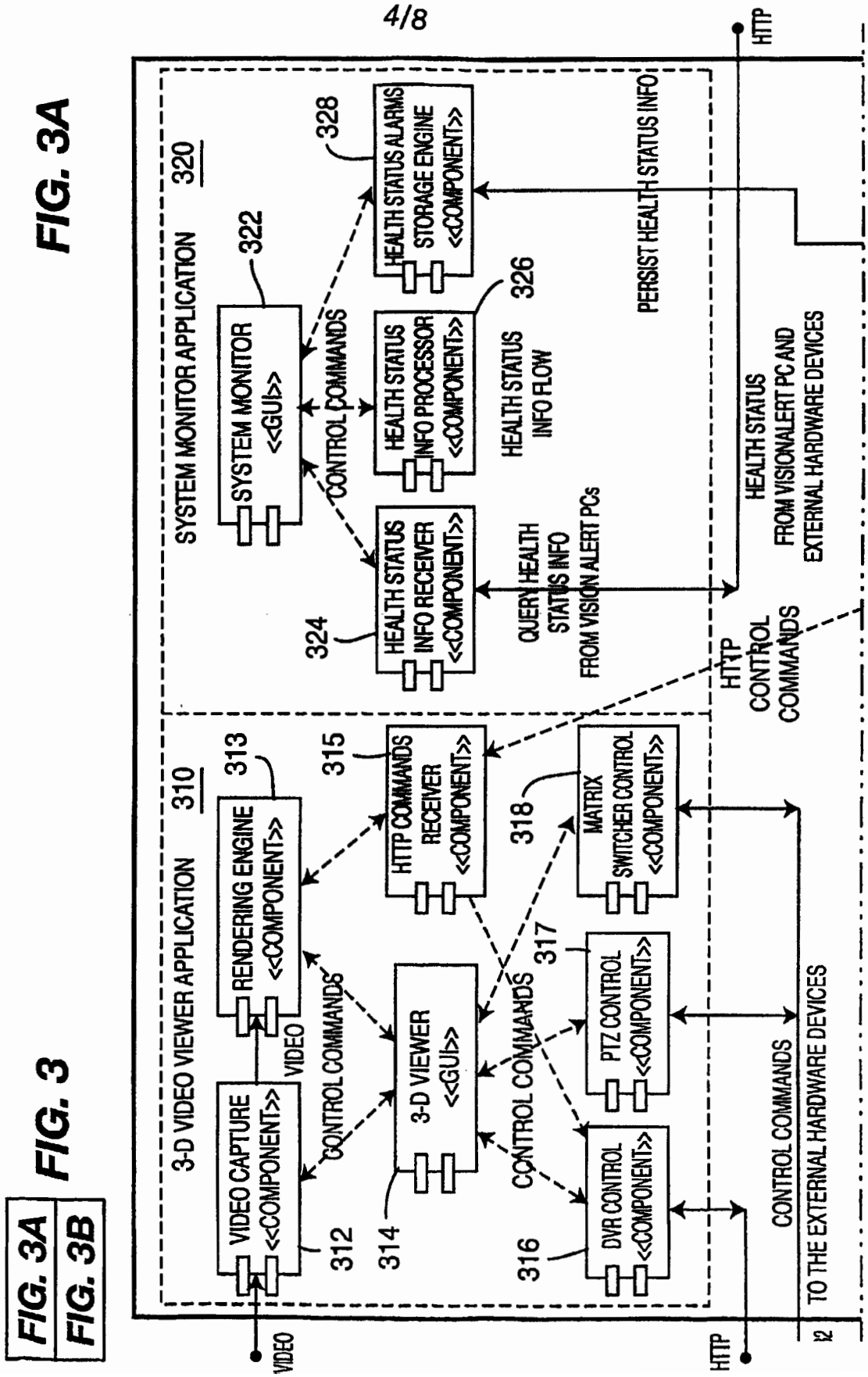

224
226
120
CPU
MEMORY
[MAX 4]
CAPTURE CARD INPUTS
[MAX 4]
MIO CARD INPUTS
VIDEO CAPTURE CARD [UP TO 2 PER PC]
NETWORK RJ45 PORT
VISION ALERT PC
*
*
1..32
222
VIDEO
[MAX 32]
[MAX 4]
1..4
VIDEO MONITORS
[MAX 4]
250
*
[MAX 64]
SENSORS
205

FIG. 2B

FIG. 3A

FIG. 3

FIG. 3A
FIG. 3B



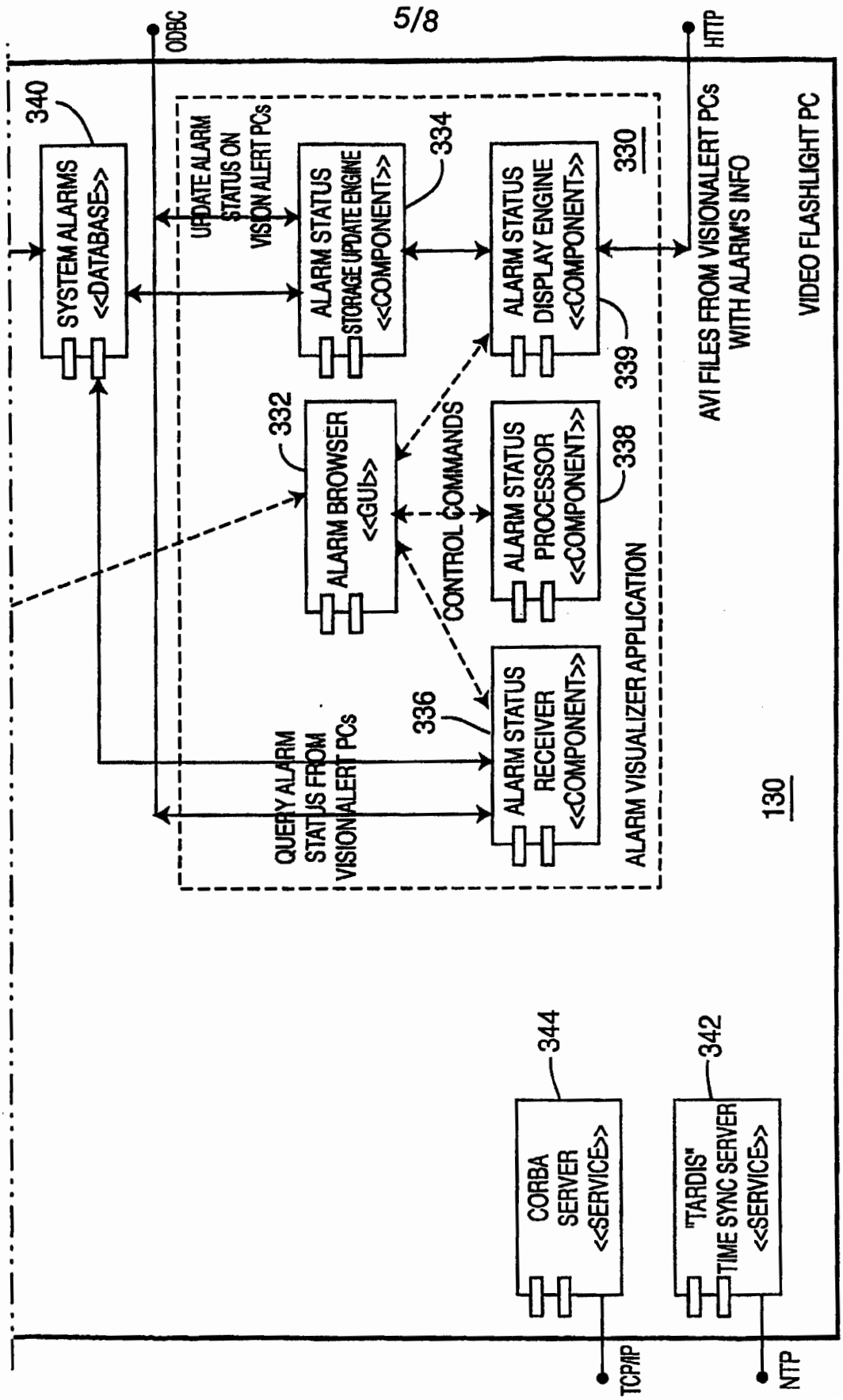

ODBC
HTTP
340
SYSTEM ALARMS <<DATABASE>>
UPDATE ALARM STATUS ON VISION ALERT PCs
ALARM STATUS STORAGE UPDATE ENGINE <<COMPONENT>>
334
ALARM STATUS DISPLAY ENGINE <<COMPONENT>>
330
AVI FILES FROM VISIONALERT PCs WITH ALARM'S INFO
VIDEO FLASHLIGHT PC
332
ALARM BROWSER <<GUI>>
CONTROL COMMANDS
ALARM STATUS PROCESSOR <<COMPONENT>>
338
339
336
QUERY ALARM STATUS FROM VISIONALERT PCs
ALARM STATUS RECEIVER <<COMPONENT>>
ALARM VISUALIZER APPLICATION
130
344
CORBA SERVER <<SERVICE>>
342
"TARDIS" TIME SYNC SERVER <<SERVICE>>
TCP/IP
NTP

FIG. 3B

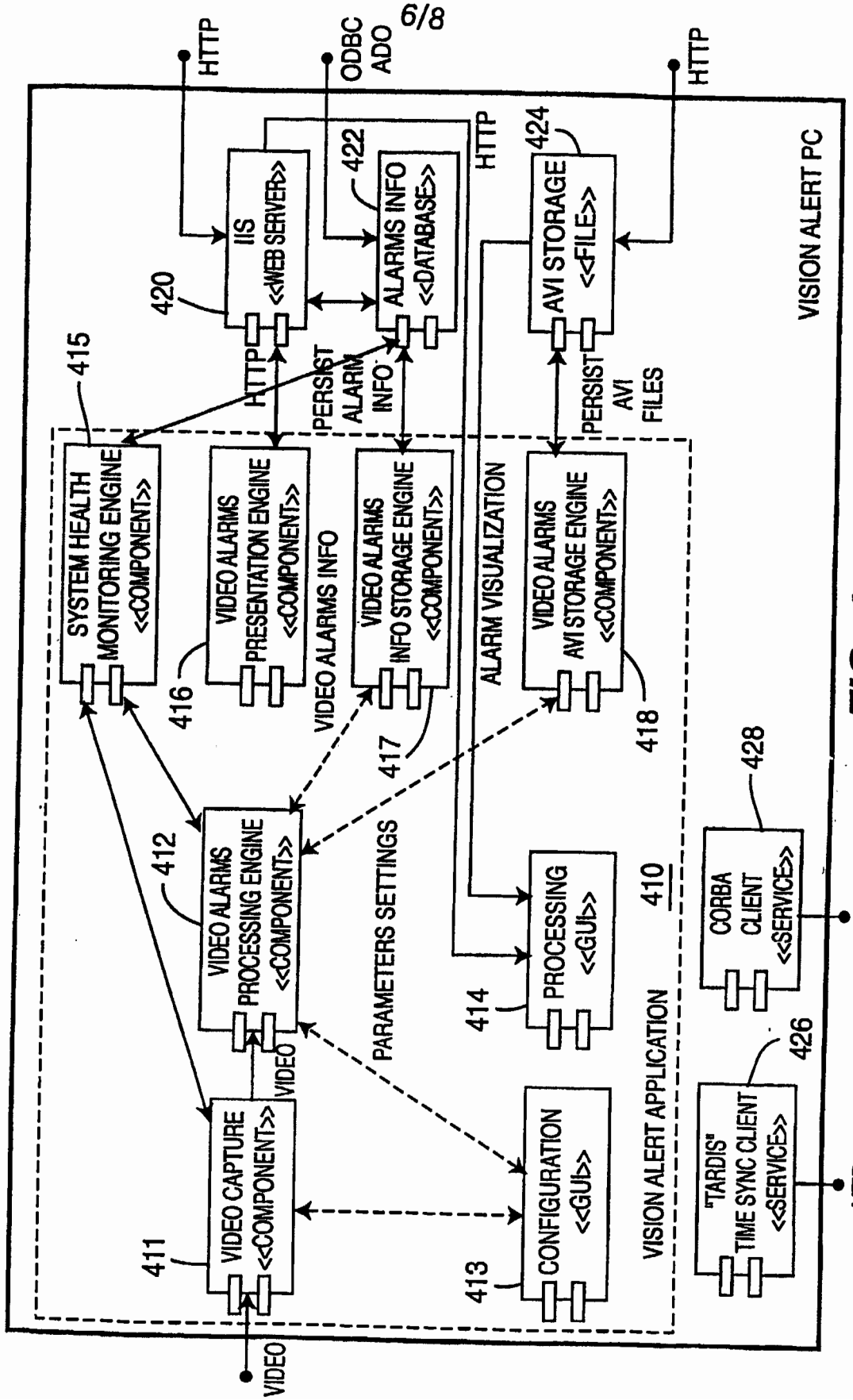

HTTP
ODBC ADO
HTTP
VISION ALERT PC
IIS <<WEB SERVER>>
ALARMS INFO <<DATABASE>>
HTTP
AVI STORAGE <<FILE>>
420
422
424
415
HTTP
PERSIST ALARM INFO
PERSIST AVI FILES
SYSTEM HEALTH MONITORING ENGINE <<COMPONENT>>
VIDEO ALARMS PRESENTATION ENGINE <<COMPONENT>>
VIDEO ALARMS INFO STORAGE ENGINE <<COMPONENT>>
ALARM VISUALIZATION
VIDEO ALARMS AVI STORAGE ENGINE <<COMPONENT>>
VIDEO ALARMS INFO
416
417
418
412
VIDEO ALARMS PROCESSING ENGINE <<COMPONENT>>
PARAMETERS SETTINGS
PROCESSING <<GUI>>
410
428
CORBA CLIENT <<SERVICE>>
TCP/IP
VIDEO
414
VIDEO CAPTURE <<COMPONENT>>
CONFIGURATION <<GUI>>
"TARDIS" TIME SYNC CLIENT <<SERVICE>>
426
NTP
411
413
VISION ALERT APPLICATION
VIDEO

FIG. 4

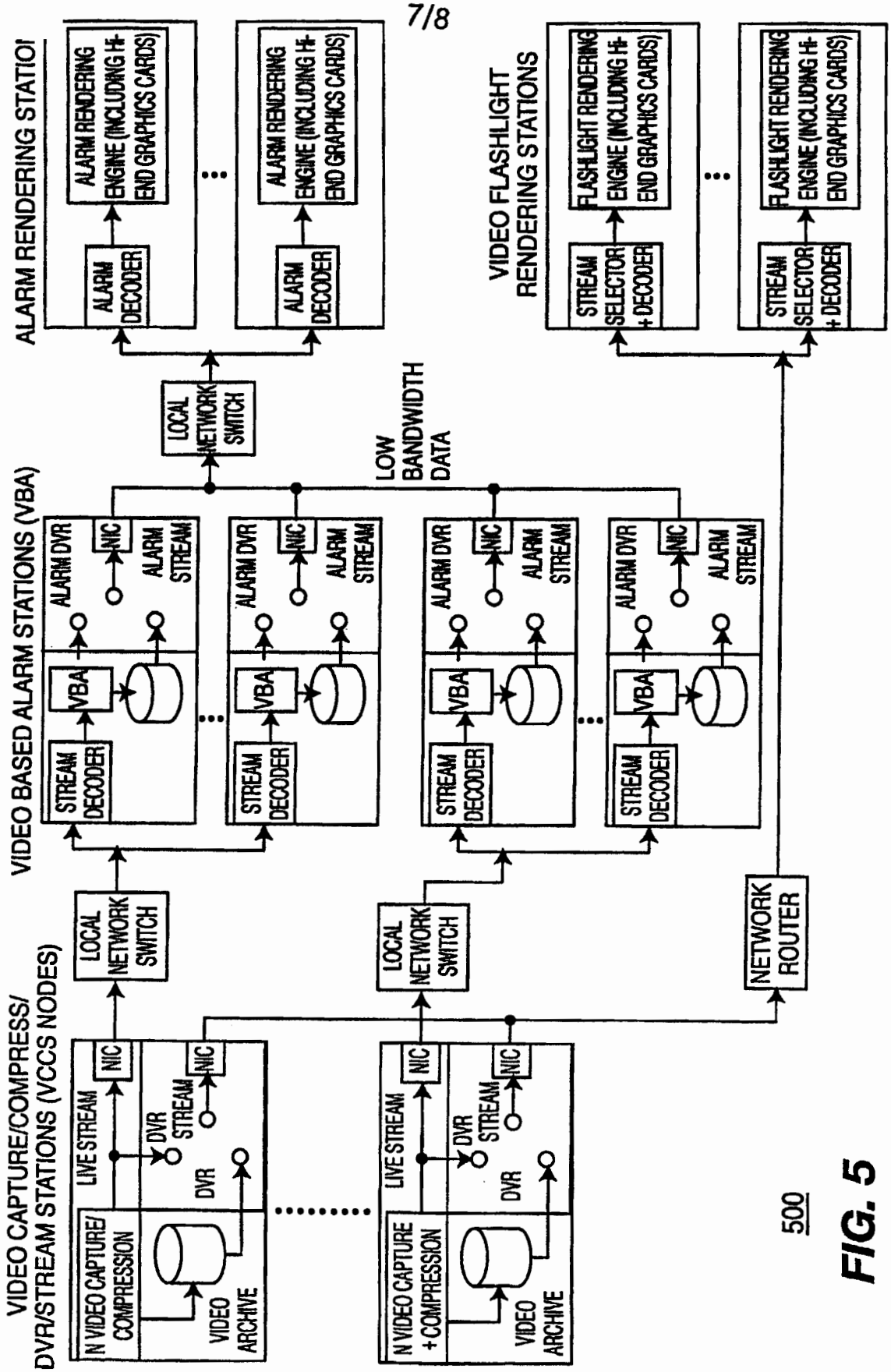

VIDEO CAPTURE/COMPRESS/
DVR/STREAM STATIONS (VCCS NODES)
N VIDEO CAPTURE/ COMPRESSION
LIVE STREAM
NIC
DVR STREAM
DVR
VIDEO ARCHIVE
LOCAL NETWORK SWITCH
VIDEO BASED ALARM STATIONS (VBA)
STREAM DECODER
VBA
ALARM DVR
ALARM STREAM
LOW BANDWIDTH DATA
NETWORK ROUTER
ALARM RENDERING STATIO
ALARM DECODER
ALARM RENDERING ENGINE (INCLUDING H+ END GRAPHICS CARDS)
VIDEO FLASHLIGHT RENDERING STATIONS
STREAM SELECTOR + DECODER
FLASHLIGHT RENDERING ENGINE (INCLUDING H+ END GRAPHICS CARDS)
500

FIG. 5

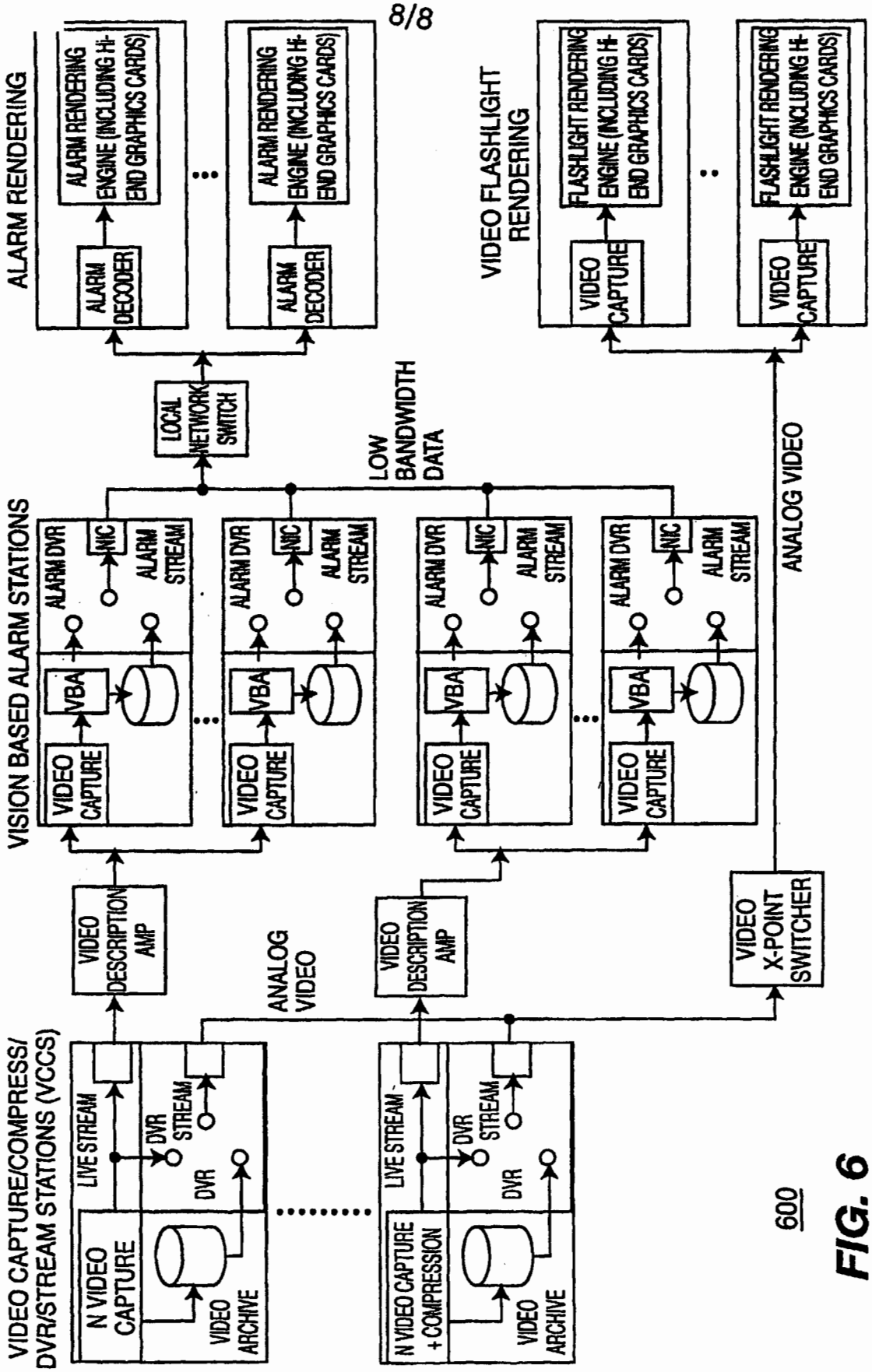

VIDEO CAPTURE/COMPRESS/
DVR/STREAM STATIONS (VCCS)
N VIDEO CAPTURE
N VIDEO CAPTURE + COMPRESSION
LIVE STREAM
DVR STREAM
DVR
VIDEO ARCHIVE
ANALOG VIDEO
VIDEO DESCRIPTION AMP
VIDEO X-POINT SWITCHER
ANALOG VIDEO
VISION BASED ALARM STATIONS
VIDEO CAPTURE
VBA
ALARM DVR
NIC
ALARM STREAM
LOW BANDWIDTH DATA
LOCAL NETWORK SWITCH
ALARM RENDERING
ALARM DECODER
ALARM RENDERING ENGINE (INCLUDING HI-END GRAPHICS CARDS)
VIDEO FLASHLIGHT RENDERING
VIDEO CAPTURE
FLASHLIGHT RENDERING ENGINE (INCLUDING HI-END GRAPHICS CARDS)
600

FIG. 6