



GS Lab and Avaya Help Healthcare Equipment Manufacturer Promote Remote Patient Monitoring In Asia-Pacific Hospitals

The GS Lab patient monitoring application features:

- Virtual video in-room visits
- Remote monitoring capabilities
- Collaborative specialist consultations
- Secure, browser-based web access
- Mouse over camera operation

Gives doctors robust video and collaborative remote patient care solution

An Asia Pacific, multinational healthcare conglomerate that manufactures diagnostic equipment determined that hospitals and doctors in the region needed a remote care solution that could simulate an in-person doctor's visit. When consulting from a remote location, doctors found the current systems inadequate. They couldn't interact with their patients or monitor a patient's physical condition. Consequently, usage among participating physicians was low.

Challenge

Although area hospitals already had the manufacturer's existing solution in patient rooms, it lacked features such as video and conference calling capabilities. Doctors and specialists needed the ability to remotely view the monitoring tools in patients' rooms, zoom into specific areas, and interact with other experts via conference call.

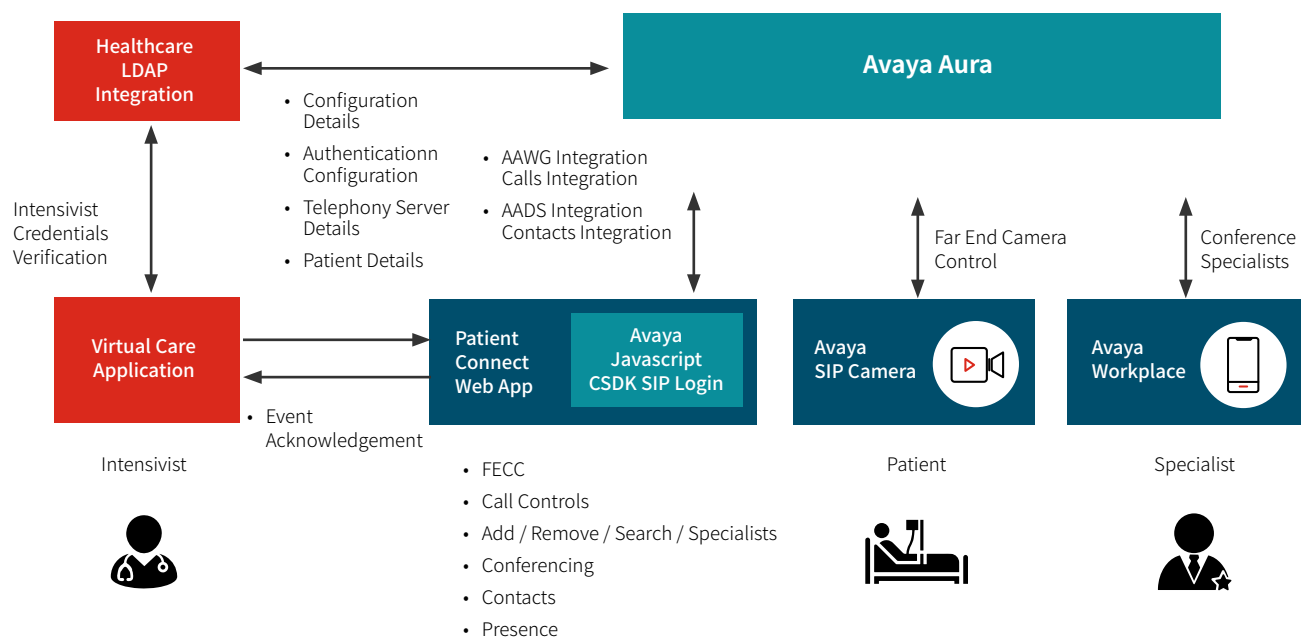
To accomplish this, the system had to securely access each hospital's Avaya Aura® platform infrastructure and allow comprehensive camera control and video calling capabilities within patient rooms. Enhancing the patient monitoring solution with these capabilities would allow doctors to look around a patient's room while consulting with specialists about their care.

Designing a Patient-centric Solution

GS Lab did an in-depth review of the existing patient monitoring system to identify the interfaces available to communicate with the Avaya Aura components. Using the Avaya Client SDK JavaScript application programming interface, GS Lab developed a web application that enabled doctors to log into the Avaya Aura platform and securely access the Avaya Aura Web Gateway and Device Services.

Doctors could use the solution to make virtual visits to patients in their rooms, using Avaya video cameras to speak with patients and monitor their health parameters. If necessary, they could also consult with other physicians and specialists from the room using the Avaya Workplace solution.

The new patient monitoring application helped area hospitals reshape the doctor patient experience.



Results

The new patient monitoring application helped area hospitals reshape the doctor patient experience. Doctors can use the application to remotely check in with patients, enabling them to scan monitoring screens and evaluate patient progress, anytime and anywhere. With simple mouse operations, they can zoom, pan, and tilt to any section of the room. In the same call, doctors can connect and consult with other experts, and talk with patients about their prognosis.

Learn More

To learn more about Avaya solutions and DevConnect Technology Partner GS Lab, contact your Avaya Account Manager or authorized Avaya reseller. Or visit us online at www.devconnectmarketplace.com.



About Great Software Laboratory

Great Software Laboratory (GS Lab) is a 1600+ strong technology company with communications as one of its core focus areas.

GS Lab has developed more than 350 products over the past 18 years for 150+ organizations across North America, Europe and Asia-Pacific. Its large team of engineers has expertise in more than 35 Avaya products and 30+ allied technologies. With years of experience in product development and implementation, GS Lab is the right partner for companies developing solutions with Avaya offerings in the mix.

GS Lab's 'Beyond code' philosophy helps ensure that it not only pushes boundaries of existing technologies, but also tries out newer problem-solving approaches to keep customers one step ahead of their competitors. For more information, visit www.gslab.com.





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Experiences
That Matter

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