

imageRAD Makes the Sky the Limit with Mirth Connect Integration

From PACS to Mirth

Haluk Çelikel, founder of imageRAD, has had a long history in the field of healthcare information technology systems, working for various global organizations. In 2019, Haluk and Yavuz Selim Demiryılmaz came together to create and deliver vital health IT software to hospitals systems under the name, imageRAD Yazılım A.Ş.—Turkey’s first and only cloud-based system for sharing and archiving medical images (PACS).

While imageRAD evolved, Haluk and his team onboarded the Mirth integration engine to be more productive and natively support and integrate the most common healthcare systems and standards. They began using the software as purely open source—no licenses, no plugins. However, the more they utilized Mirth, the more they understood the integration engine’s extensive capabilities.

By leveraging Mirth Connect on cloud-based systems, imageRAD facilitated HL7 standard compliance, enabling seamless healthcare data exchange across Turkey. This innovation led to a significant collaboration with Acibadem Technology, aiming to unify and streamline health IT platforms within hospital systems across the globe.

Other hospital systems recognized imageRAD’s ability to enable disparate systems to communicate effectively and integrate health IT platforms, such as Cerebral Plus (C+) electronic health record, which Acibadem uses. Naturally, imageRAD went global, supported by Mirth Connect.

Multiple integrations across the globe

As soon as they achieved enterprise status, imageRAD stopped using Mirth as purely open-source and implemented Mirth Connect to start acquiring platinum plugins and perform higher complexity integration services with third parties. On this foundation, they’ve implemented 16 Malaysian hospitals, integrating everything in the hospital into a working cluster. Additionally, they’ve implemented FHIR in a hospital system in Saudi Arabia and provided services for healthcare systems in the Netherlands, India and Singapore.

“The third parties could be anything that they have on their end, any other software. When we are working with Mirth Connect, we can integrate anything. Our motto: the sky’s the limit!” said Haluk.

imageRAD develops Java and Java scripts when necessary, outside of Mirth Connect, and then integrates those with Mirth Connect to solve customer problems, which Yavuz, Haluk’s partner, says has been a “big, big advantage.”

“After you understand how it works and flows, then it’s easy to use. We started doing small, simple integrations and more advanced integrations later,” said Haluk.

CLIENT PROFILE

imageRAD

Background: imageRAD Software Inc. is a research and innovation company focusing on cloud-based health information systems. It is Turkey’s first and only cloud-based healthcare data archive.

NEXTGEN HEALTHCARE SOLUTION

- Mirth® Connect
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HIGHLIGHTS



Unifies and streamlines health IT platforms for hospital systems across the globe



Supports and integrates the most common healthcare systems and standards



Plans to expand IT support operations to multiple countries

Plans for the future

Currently, their team is comprised of seven people, but as they expand, they plan on providing services in multiple time zones, around the clock.

“We are planning to hire more people because we support India, Singapore, and Malaysia and there are time differences. We plan to have one or more employees in Malaysia to support that region,” said Haluk.



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Haluk Çelikel
Founder of imageRAD

HOW CAN WE HELP?

Partner with us at **855-510-6398** or mirthconnectsales@nextgen.com

CH_082824_ImageRAD

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