



A08 Update Overload

EMR Sending too many Updates

Do you need the historic A08s?

I think we have all experienced it, and I don't think there is an EMR that doesn't do it. Regardless of Epic, Cerner or Meditech, you are getting too many A08 Update Messages. If you look at some of these messages, many are updates on historical accounts.

Updates on accounts from years past

Even though the update is valid, does it need to be sent to the downstream systems?

Review the A08 message and determine if it is relevant to the downstream system. Many applications are focused on just the current patient population, so do they need an update on a medical record or account from 3 years ago?

You can easily create code to filter out unwanted A08s by using PV1.45. Determine what is the time frame they want an update past discharge. This can be a variable passed in the code. For example, applications may want 7 days, 30 days, 60 days and etc. Anything order can be filtered out.

Can you manipulate your EMR to send out less? The answer is yes and no, it depends on the EMR. Epic has the capability, but remember it is the lowest common denominator. It may not be beneficial to do it this way.

About D288 IT Solutions

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D288 IT Solutions is a consulting/service firm that focuses on the success of your integration. We offer a wide variety of consulting services to meet the needs of your organization.

In today's culture, it is not enough to be the typical consulting/service firm. There are dozens of organizations that can tell you what you already know or place a body in a chair. What every CIO and Director strives for in an outside firm is benefit joined together with partnership.

D288 IT Solutions is based out of Syracuse, NY and our workforce is based solely in the United States. Our consultants offer our clients expertise in their perspective technology, workflow and hospital experience.

Custom Code to be Used Enterprise Wide?

The best benefit is to place the code where it can be used enterprise wide. This will depend on your interface engine. However, the code can be used in many interfaces and it can benefit many downstream applications which is why it is important to pass the number of days in through a variable.

Comparing the dates

There are two ways to compare the discharge date. I would recommend using the system date to compare the update message. Bring the system date into a variable so you can determine if the message should be

filter out. This would take into consideration if your interface has been down and is processing the back log. However, not all engines allow

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MSH|^~\&|ADM|RMC|||201806021120||ADT^A08|1105275|D|2.4||AL|NE|||||□  
EVN||201806021119|||NXT7618^TEST^NANCY^S|201806021115|||□  
PID|1||M001330^MR^RMC~999-99-9999^SS^RMC~T0-  
B20180602111930214^PI^RMC~T00001343^HUB^RMC||SDC^TEST1^L||19940101|F||WH  
|1^TEST LN^Dallas^TX^75028^DANE||407-999-9999^NA|||S|NONE|V00000024653|999-99-  
9999|||||||||||||||||□  
PV1|1|O|WHSP|EL|||SMIJA^Smith^Jonathan^A^Dr^MD^198045600^XX|||||PR|||SDC||SEL  
F|||||||||||||||||RMC||REG|||201806021115|201806030800|||||NONE^No  
Family^Physician^Family^198045600^XX|□
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you to bring in the system date. You can then use the date in MSH.7. It may not be as accurate as the system date; however, it will still serve the purpose.

Hitting the Target

Remember, the purpose is to lessen the load of the unwanted A08 to the downstream applications. Why the approach may not always be perfect, you accomplish the purpose. There will always be downstream applications that want everything, and you can never perfectly filter all unwanted messages. However, you can filter most them.

D288 IT Solutions, LLC was founded by Kevin L. Frederick in 2010, a former Vice President and CIO of a health system, who was always in search of a company that could assist him in seeing the "big picture" and then help him achieve it in a practical approach.

D288 IT Solutions started in the early years with general HIT consulting. However, Kevin realized quickly that there was a large need for vendor neutral integration services. In 2013, D288 IT Solutions re-launched itself focusing on integration. At the same time, we launch a series of webinar to help the health care IT professional grow in their knowledge of HL7. "It is startling the number of individuals that have no foundation of what HL7 really is." states Kevin Frederick

"It has been an honor and privilege to serve every client." says Frederick, "Founding this organization has been an amazing adventure, and I am deeply humbled to be part of this company. My only regret, is that I did not do it sooner."

The goal of D288 IT Solutions, LLC is to support the IT advances of hospitals and healthcare through integration. To come along side and assist with their strategic vision and objectives.

For more information visit us at <http://www.d288itsolutions.com>