

MTMonitor: An IFTTT Channel for MTConnect

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The MTConnect standard allows machine manufacturers to make a wealth of information available to end users in common XML format. But while XML can be easily consumed by custom or off-the-shelf applications, there's not an easy way for end users to simply choose the data fields they'd like to monitor and use them to trigger some action, such as alert them by email.

In this paper I propose a simple tool called MTMonitor that would allow users to browse the data elements made available by their machines and select a subset to be published through a channel on the software service IFTTT. This service would then give them a variety of ways to respond to that data, such as send an email or text message, notify them on their smart phone, or even trigger another device.