

## Off-the-Shelf DAQ - Feature #15037

### Implement SSL-based authentication

01/06/2017 02:31 PM - Eric Flumerfelt

<b>Status:</b>	Assigned	<b>Start date:</b>	01/06/2017
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Eric Flumerfelt	<b>% Done:</b>	50%
<b>Category:</b>		<b>Estimated time:</b>	8.00 hours
<b>Target version:</b>		<b>Spent time:</b>	4.00 hours
<b>Description</b>			
At the Jan 6. CSBoard meeting, they expressed a strong preference for HTTPS encryption of traffic to and from the OTSDAQ web gui. This could be implemented as a "gateway" application, or by modifying otsdaq/xdaq itself to handle the SSL/TLS encryption.			

#### History

##### #1 - 01/09/2017 10:51 AM - Eric Flumerfelt

- Status changed from New to Assigned
- Assignee set to Eric Flumerfelt
- % Done changed from 0 to 50
- Estimated time set to 8.00 h

I have created a Node.js module which does the HTTPS encryption, and passes requests to a XDAQ server using HTTP. This solution still has to be integrated into otsdaq, possibly with other security upgrades (a UNIX domain socket could also be used, for example).