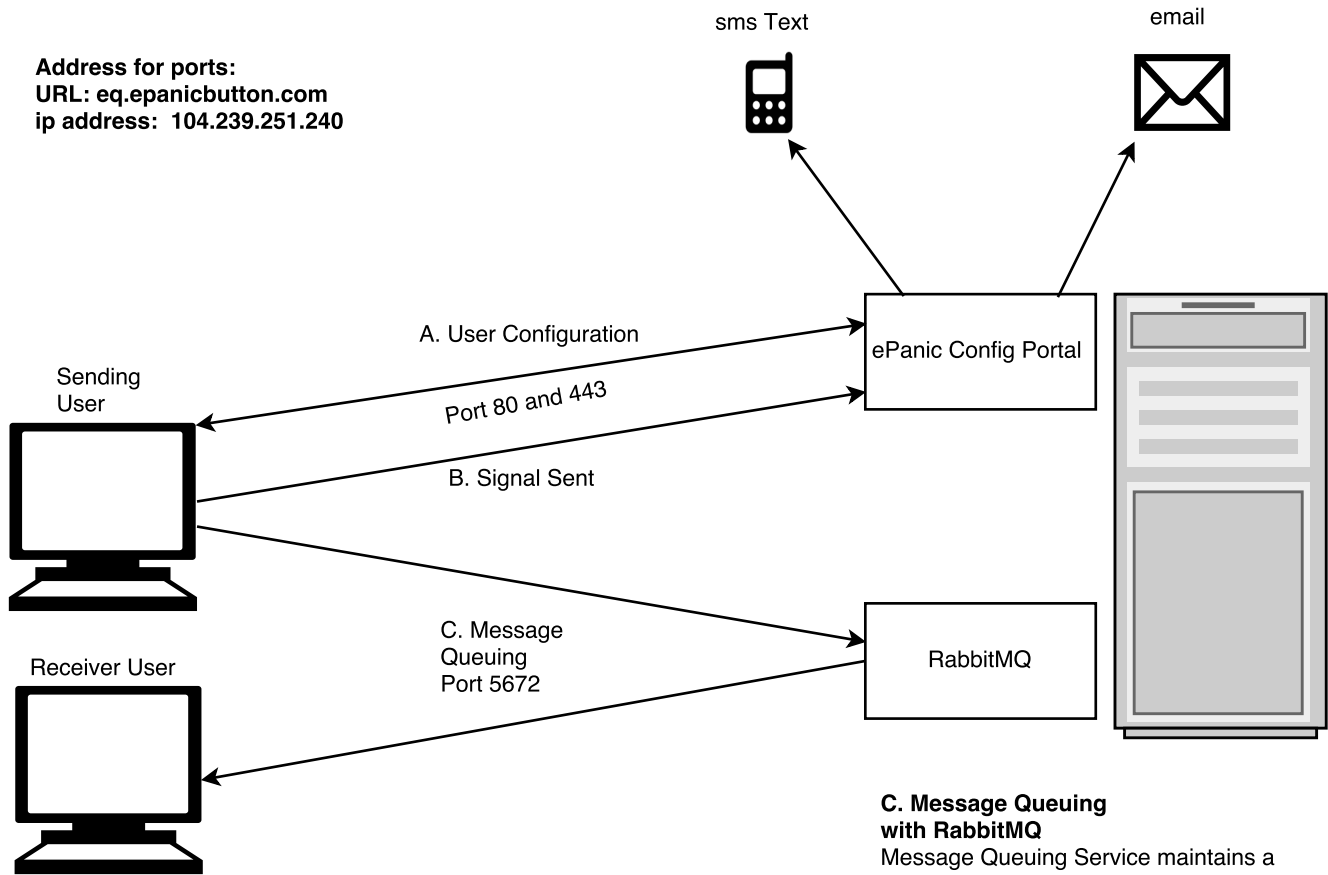


# ePanicButton Dataflow Diagram

Address for ports:  
 URL: eq.epanicbutton.com  
 ip address: 104.239.251.240



**A. User Configuration**  
 Communicates both ways with ePanic Portal to create User and configure User settings (their buttons).  
 Sends Machine Name and IP Address of station along User Info (provided in User Profile Window)

**B. Signal Sent**  
 When button pressed, sends MachineGuid and ButtonGUID to Server to log event and relay the emails and sms text  
 Email sent using SMTP protocol. Text sent using 3rd party service, Both simply send configured message to designated recipients.

**C. Message Queuing with RabbitMQ**  
 Message Queuing Service maintains a connection between the stations and the RabbitMQ message Broker. Stations create an "exchange" that "listens" to the broker to 1) update their button configurations (anytime a change is made to their buttons) and 2) if the buttons that they receivers for are activated.  
 When a station activates a button, the ButtonGUID (topic) is sent and all those stations listening to that topic then publish the message.