

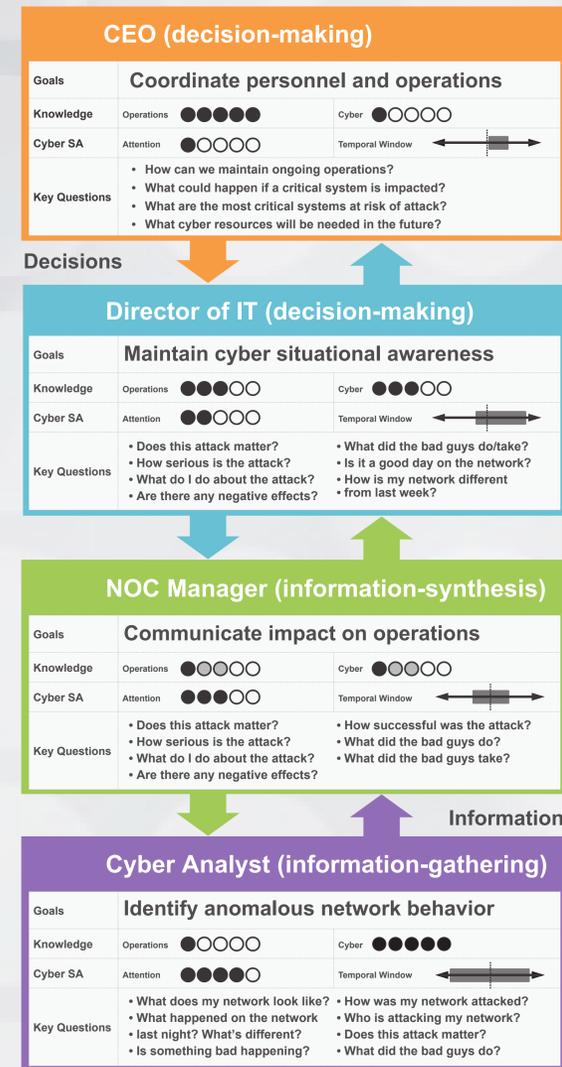
# BubbleNet: A Cyber Security Dashboard

Sean McKenna, Diane Staheli\*, Cody Fulcher\*, Miriah Meyer

\* MIT Lincoln Laboratory

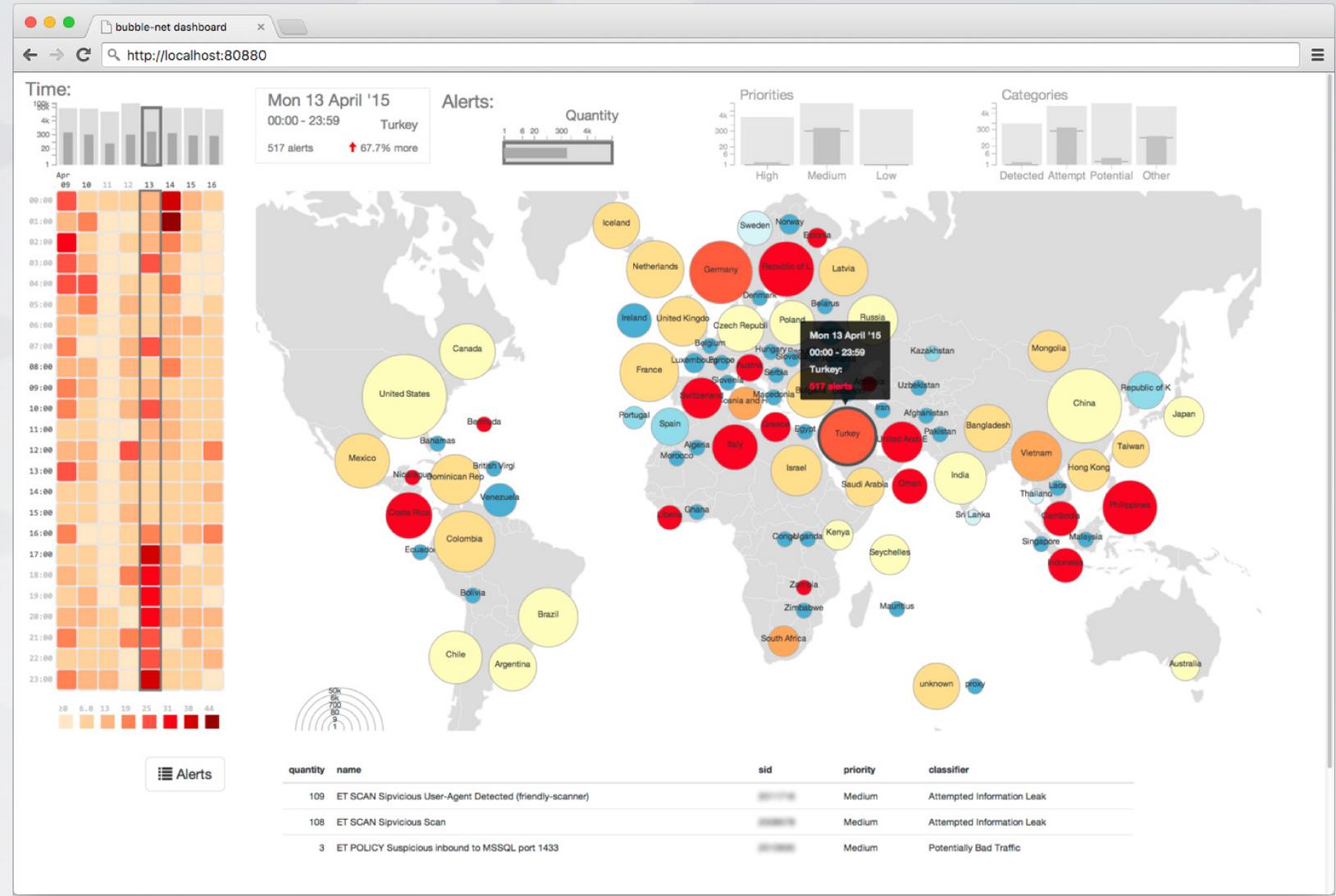


Cyber analysts protect computer networks from information theft and denial of service.



With personas, designers can build systems to meet the needs of many kinds of users.

Utilizing these personas, we obtained tasks such as discovering and communicating patterns.



**Acknowledgements:** Jonzy, Dan Bowden, Tamara Denning, and staff members at MIT Lincoln Laboratory for the personas method. This work is sponsored in part by the Air Force Research Laboratory and the DARPA XDATA program. The Lincoln Laboratory portion of this work was sponsored by the Assistant Secretary of Defense for Research & Engineering under Air Force Contract FA8721-05- C-0002. Opinions, interpretations, conclusions, and recommendations are those of the authors and are not necessarily endorsed by the United States Government.