



# CYBER SÉCURITÉ

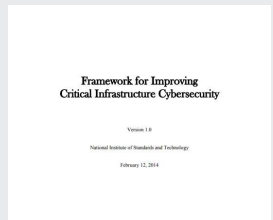
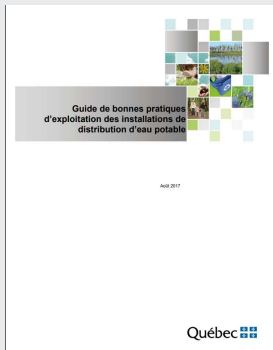
ERIC WALKER, ing. PMP, CCNA  
SERVICE DE LA GESTION DE L'EAU  
VILLE DE LAVAL  
[e.walker@laval.ca](mailto:e.walker@laval.ca)



# L HISTORIQUE CYBER SÉCURITÉ EAU @ LAVAL

- CONSULTANTS
- BONNES PRATIQUES GLANÉES ICI ET LÀ
- AUDITS VG

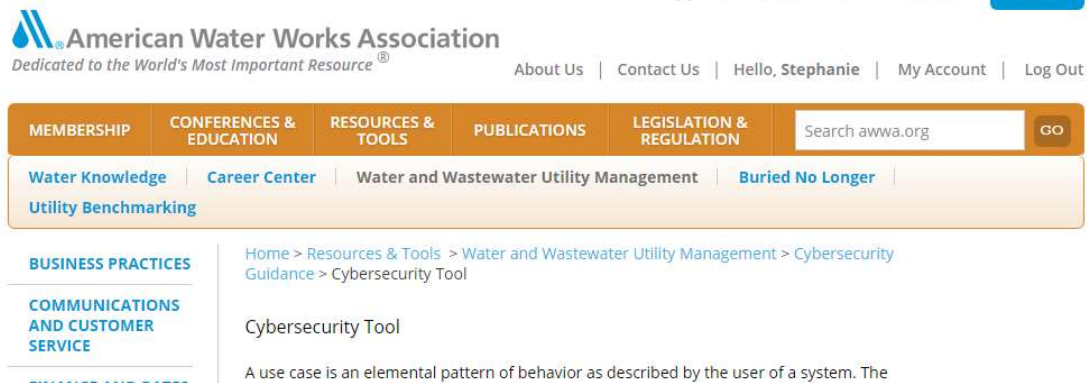
# STRUCTURER: ON PART OÙ?



- MDDELCC : [Guide de bonnes pratiques d'exploitation des installations de distribution d'eau potable](#)
- AWWA : [AWWA G430-14 Security Practices for Operation and Management](#)
- NIST (National Institute of Standards and Technology) : [Framework for Improving Critical Infrastructure Cybersecurity](#)

# RÉFÉRENCES: LES BASES

- AWWA



The screenshot shows the AWWA website header with the logo and tagline "Dedicated to the World's Most Important Resource". Navigation links include "About Us", "Contact Us", "Hello, Stephanie", "My Account", and "Log Out". A top navigation bar contains "MEMBERSHIP", "CONFERENCES & EDUCATION", "RESOURCES & TOOLS", "PUBLICATIONS", and "LEGISLATION & REGULATION". A search bar is present with the text "Search awwa.org" and a "GO" button. Below the navigation bar, there are links for "Water Knowledge", "Career Center", "Water and Wastewater Utility Management", and "Buried No Longer". The main content area shows a breadcrumb trail: "Home > Resources & Tools > Water and Wastewater Utility Management > Cybersecurity Guidance > Cybersecurity Tool". The title "Cybersecurity Tool" is displayed, followed by a partial definition: "A use case is an elemental pattern of behavior as described by the user of a system. The".

- NIST:

<https://www.nist.gov/document/framework-improving-critical-infrastructure-cybersecurity-corexlsx>



**Process Control System  
Security Guidance for the  
Water Sector**





# └ PRIORITÉS

- 3 mots: segmentation, segmentation, segmentation...
- Gestion des usagers/mots de passe
- Inventaire des équipements
- Mise à jour des systèmes (serveurs, PC, PLC, etc.)
- Plan de relève (backup, redondance, etc...)
- Formation/Information
- Implication/Information de la haute direction (DG, DGA)

## └ PRIORITÉS (suite)



- WaterISAC:

[https://www.waterisac.org/sites/default/files/public/10\\_Basic\\_Cybersecurity\\_Measures-WaterISAC\\_Oct2016\[2\].pdf](https://www.waterisac.org/sites/default/files/public/10_Basic_Cybersecurity_Measures-WaterISAC_Oct2016[2].pdf)

## CONCLUSION

- La cyber sécurité c'est comme la Santé Sécurité: il faut être constamment à l'affût! **Ce n'est pas une destination, mais bien un processus continu!**
- Partageons l'information entre Villes/gouvernements! Établissement d'un groupe de partage d'information inter-villes.

<https://www.linkedin.com/in/3ricwalk3r/e.walker@laval.ca>



