

# Vartel Fundamentals of IT Security

## Layered Approach

### **Operational**

#### **User Education and Evaluation**

- Awareness and regular communication
- Ongoing testing exercises (i.e. anti-phishing training)

#### **Insurance and Auditing**

- Cyber Insurance coverage
- Periodic review of systems and process standards

#### **Technical**

#### **Layered Approach to Environmental Controls**

- Next-generation network firewall
- Endpoint protection
- AAA Authentication, Authorization, Accounting
- Network segmentation

#### **Active Monitoring**

- SIEM
- EDR

