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Minutes Matter. **Seconds Count.**

Top 5 trends in OT Cybersecurity



expanding **human possibility**®

Nick Creath • Senior Product Manager - Cybersecurity Services



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What's going on today?



Targeted attacks



Cloud computing



Remote work



IT/OT convergence



Sophisticated attacks



AI/ML



IIoT



Supply chain attacks

Remote work

According to the Global Workplace Analytics report, **the number of remote workers in the United States has increased by 159% since 2005.**

In 2022, 12.7% of full-time employees worked from home, while 28.2% worked a hybrid model.



Industrial Internet of Things (IIoT)

"The Industrial Internet of Things (IIoT) is growing rapidly, with **the number of connected devices expected to reach 25 billion by 2025**. This growth is being driven by a number of factors, including the declining cost of sensors and other IoT devices, the increasing availability of high-speed internet, and the growing demand for data-driven insights to improve decision-making and efficiency."



```
if _operation == "MIRROR_X":  
    mirror_mod.use_x = False  
    mirror_mod.use_y = True  
    mirror_mod.use_z = False  
elif _operation == "MIRROR_Z":  
    mirror_mod.use_x = False  
    mirror_mod.use_y = False  
    mirror_mod.use_z = True  
  
#selection at the end -add back the deselected mirror modifier  
mirror_ob.select= 1  
modifier_ob.select=1  
bpy.context.scene.objects.active = modifier_ob  
print("Selected" + str(modifier_ob)) # modifier ob is the active  
    mirror_ob.select = 0  
    bpy.context.scene.objects.active = modifier_ob  
    bpy.ops.object.select_all(action='DESELECT')  
    bpy.context.scene.objects.active = mirror_ob  
    bpy.ops.object.select_all(action='SELECT')
```

Cloud computing

Cloud computing is growing rapidly in OT environments, as more and more businesses recognize the benefits it can offer. According to a recent survey by Forrester,

67% of organizations are using cloud-based applications and services to manage their OT systems. This number is expected to **grow to 81% by 2025**.





Artificial intelligence/ machine learning

Artificial intelligence (AI) and machine learning (ML) are growing rapidly in OT environments, as more and more businesses recognize the benefits they can offer. According to a recent survey by Gartner, **70% of industrial organizations plan to invest in AI or ML for OT in the next two years.**

Sophisticated attacks

According to a recent report by Deloitte, **62% of organizations have experienced a sophisticated cyberattack in their OT environments in the past year.** Attackers are using increasingly sophisticated techniques to target OT systems, and they are often coordinating their attacks across multiple systems.



What can YOU do?



Implement a
Security
Framework



Build a
Strategy



Monitor and
Improve Security
Posture



Educate your
Teams



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