

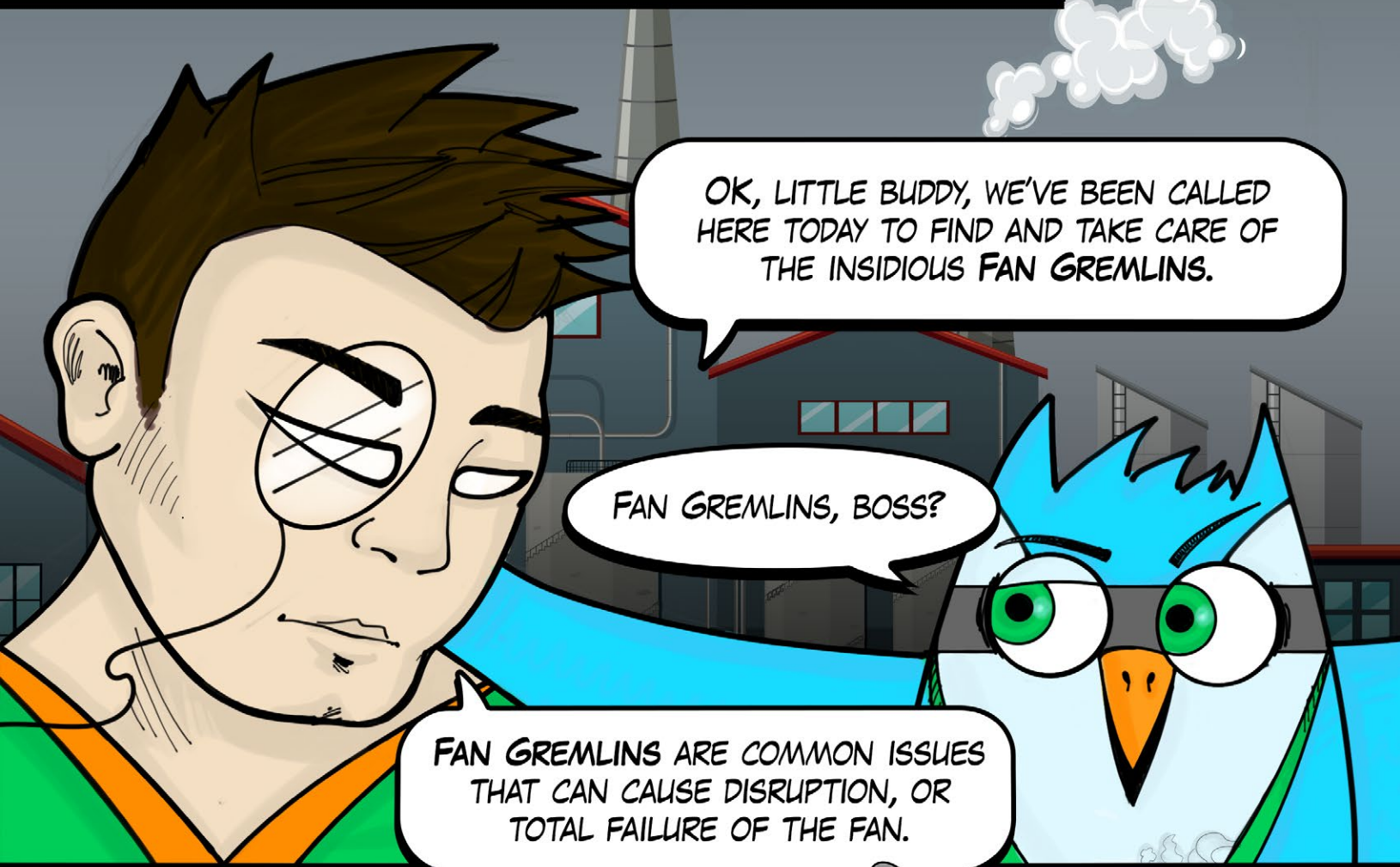
IFAN GUARD® PRESENTS...
BY VERANTIS

A CAPTAIN FANTASTIC ADVENTURE

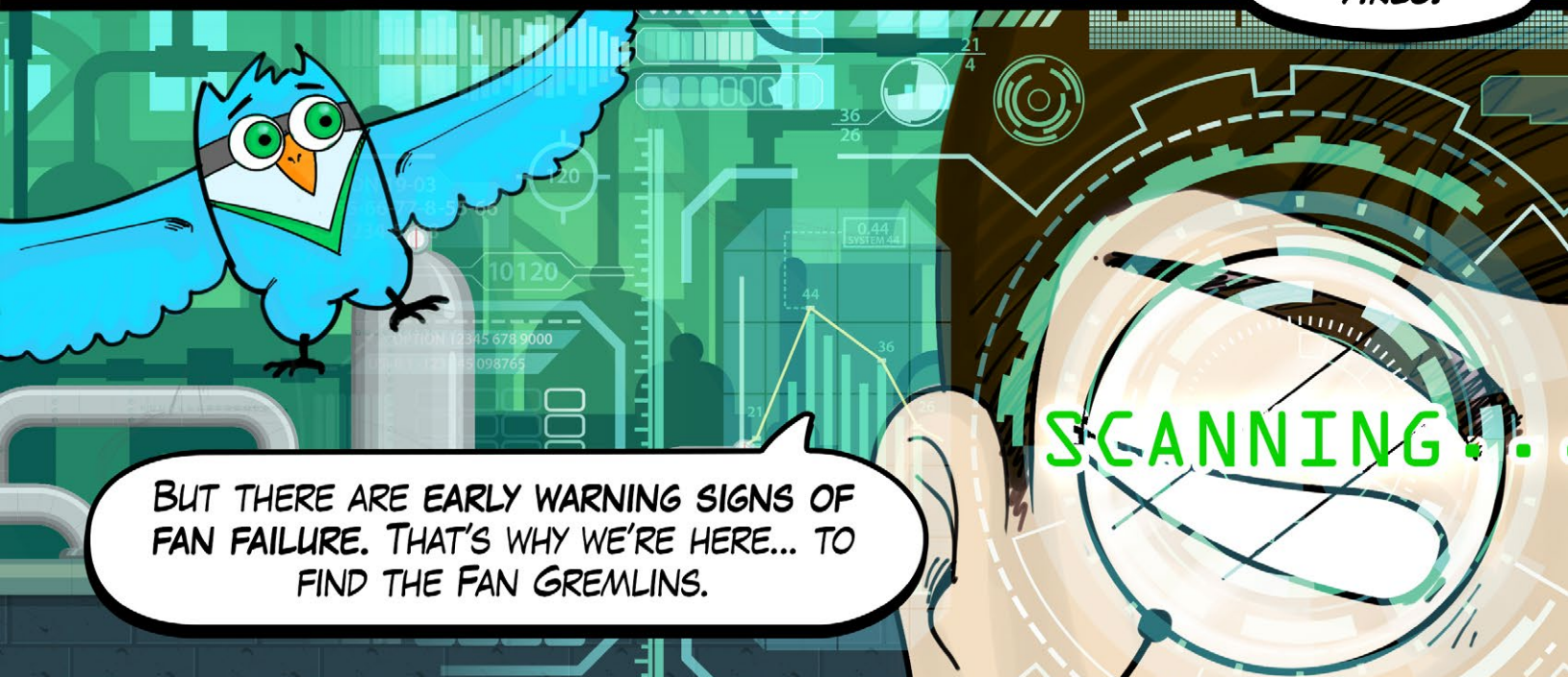


IN THIS EPISODE, THE TEAM TAKES ON **SHAKY!**

CAPTAIN FANTASTIC AND THE BLUE OWL ARRIVE AT THE PLANT...



THEY CAN CAUSE POTENTIAL PERSONNEL HAZARDS, LIKE FUMES THAT AREN'T PROPERLY EXHAUSTED, OR EVEN A FIRE! AND THEY CAN CAUSE A TOTAL SYSTEM BREAKDOWN, SHUTTING DOWN THE ENTIRE PLANT. AND THAT'S NOT GOOD.



YOU! SHAKY! STOP RIGHT THERE!

BACK OFF, CAPTAIN FANTASTIC... I'VE GOT A JOB TO DO! I'VE GOT TO BUILD UP JUNK ON THE BLADES, MISALIGN THE COMPONENTS AND WEAR STUFF DOWN, JUST TO MAKE THIS FAN VIBRATE AND DISRUPT ITS FLOW! BWAAA HAAA HAAA HAAA!

'FRAID NOT, SHAKY. THESE VIBRATION MONITORS ON THE MOTOR BASE AND FAN HOUSING WILL TAKE CARE OF YOU. NO FAN FAILURES WHILE I'M...

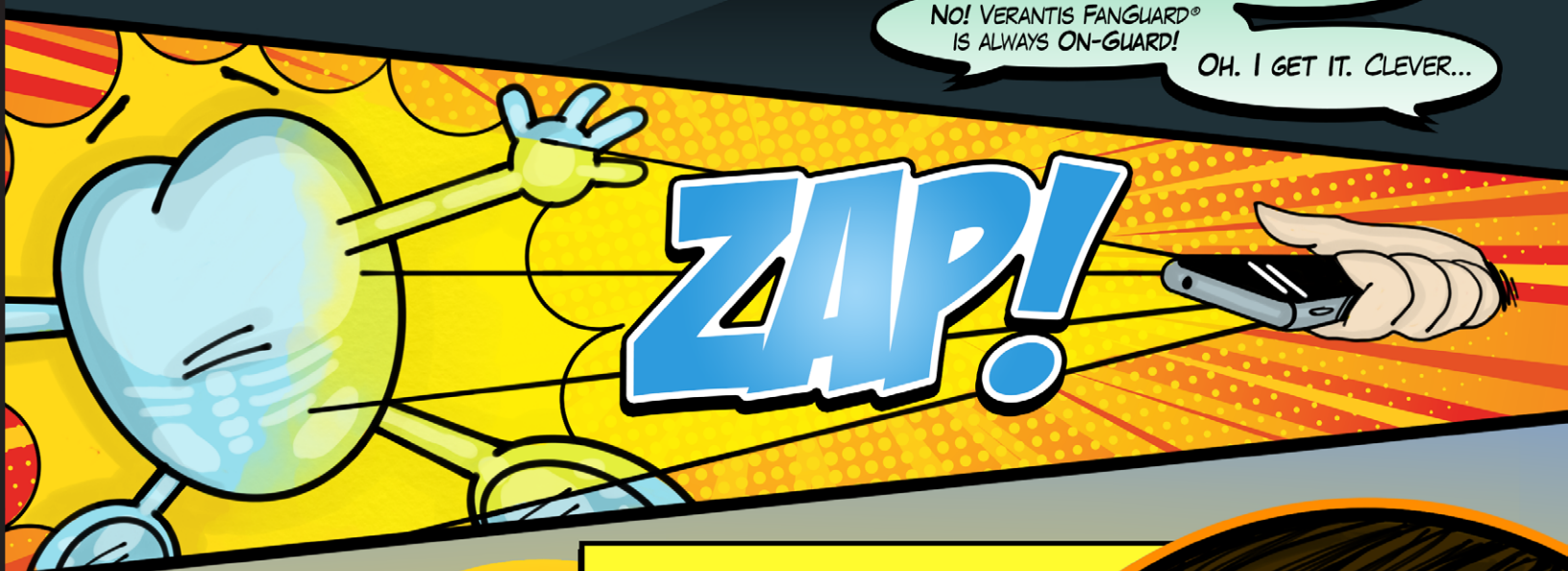
ON GUARD!!



DON'T YOU MEAN "EN GUARD," BOSS?

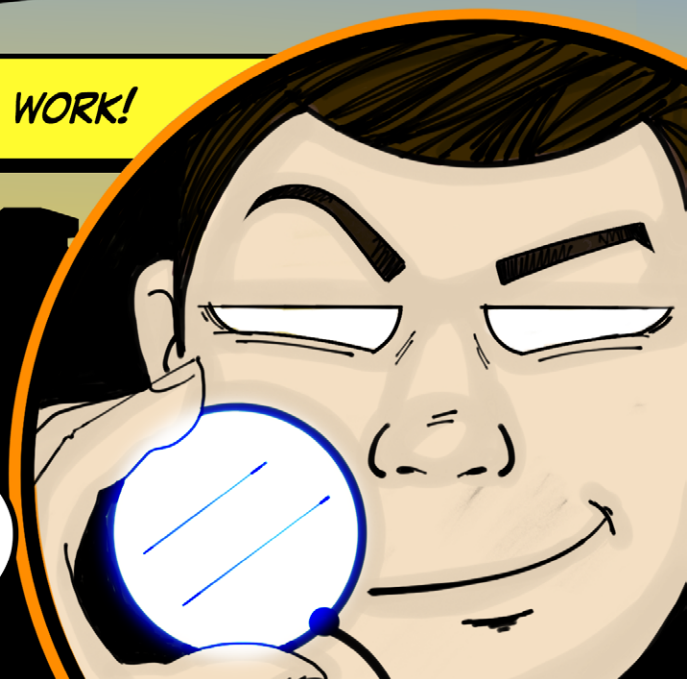
NO! VERANTIS FANGUARD® IS ALWAYS ON-GUARD!

OH. I GET IT. CLEVER...



ALL IN A DAY'S WORK!

NOW, LET'S GO TREAT OURSELVES AT THAT NEW ICE CREAM PLACE. I'M IN THE MOOD TO **DESTROY A SHAKE!**



CONTROL UNPLANNED DOWNTIME WITH FANGUARD®

Whether human error, age or environmental wear and tear, all fans encounter component failure at some point in their lifespan. Many times pending failures can be identified in advance by monitoring certain identifiable characteristics. If these characteristics are identified early enough, corrective measures can be put in place to delay or eliminate the failure.

Introducing the Verantis FanGuard® always on-guard fan monitoring system! FanGuard® is a hardware- and software-based fan monitoring system that can be completely customized. It can be built in to a new fan, or retrofit to an existing fan, even those from other manufacturers. The FanGuard® system's software can be accessed via its mobile website, a screen directly on the fan, or as part of your company's DCS / SCADA / PLC control system. This can catch problems early, potentially saving your company thousands of dollars in repairs and lost productivity.



EARLY DETECTION IS THE KEY!

The early detection of common issues that can cause disruption or total failure of the fan and potential personnel hazards can be controlled by identifying early warning signs of the failure and quickly communicating the information to the appropriate personnel. Quick and simple delivery of this information can be easily done locally, remotely, or both by a system of diagnostic instruments that can detect and report conditions observed outside the norm set for the operating unit. Verantis offers detection and monitoring equipment for the most common characteristics in premature failures.

- » **Heat Monitoring Kits:** Motor kit includes bearings, heat detectors and thermocouples on the motor. Fan Housing kit includes a temperature transmitter on the housing.
- » **Vibration Kit:** Includes vibration monitors on motor base and fan housing.
- » **Volume Monitoring Kit:** Kit includes volumetric indicators, averaging pitot tube and delta-p with manometer or transmitter down stream of fan housing.
- » **Pressure Kit:** Includes transmitter of 3 pipe diameters downstream of fan blades.
- » **Speed Kit:** Includes fan tachometer and motor running sensor.
- » **Life Cycle Kit**
- » **Spare Parts Kit:** Includes bearings, shaft, drive sheaves, grease zerks, zerk extensions, belts, brushes, motor starters, switches, fan entry nuts, bolts and washers.



CONTACT VERANTIS

Contact Verantis for more information on how we can help you find the best environmental solution for your company. Please visit us at www.verantis.com or email sales@verantis.com

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