McAfee
Together is power.

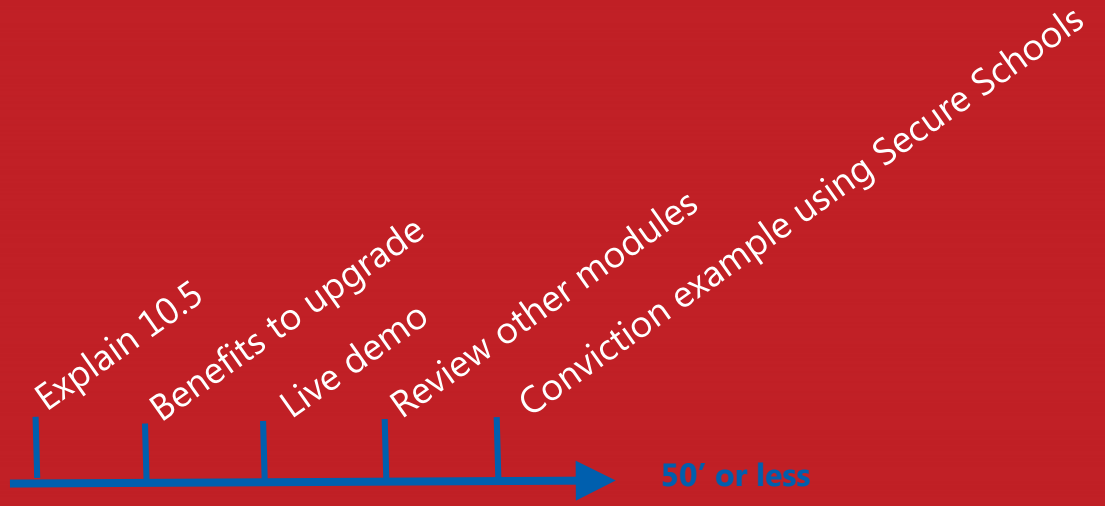
McAfee Endpoint Security 10.5

The Why's and How's of Upgrading

Sarah Taggert | MEEC Account Executive BELLTechlogix
Clayton Mathews| Sales Engineer

Frank Snyder| Mcafee Account Executive

Housekeeping and Agenda



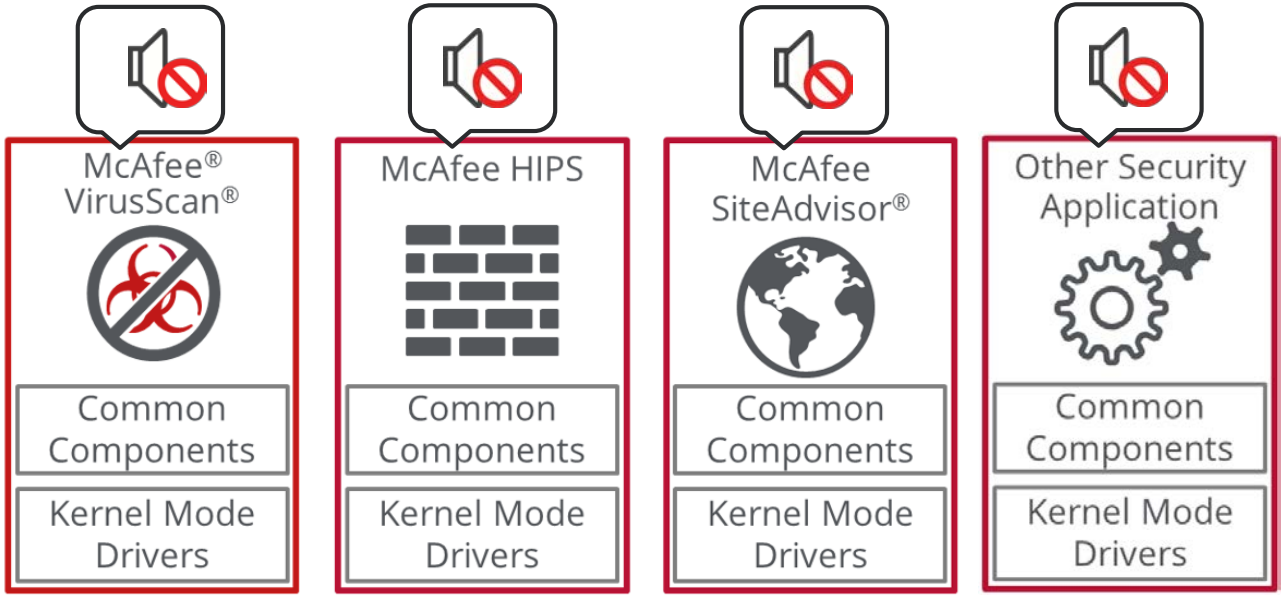
Q & A

Enter any questions in chat or Ask

Please enter your School in Chat if you would be so kind

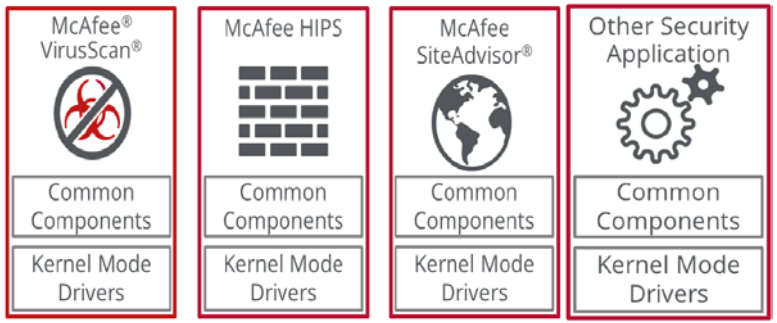
So, what is McAfee Endpoint Security 10.5?

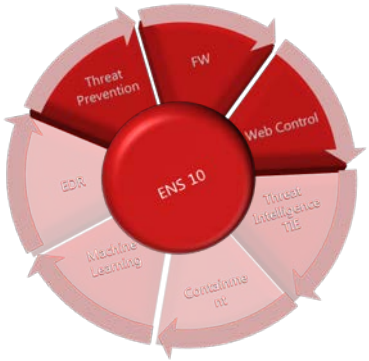
What you have today on the legacy endpoint



ENS 10.5 is Completely Rearchitected

Modular in Nature





You own this!!!
it is the normal next version

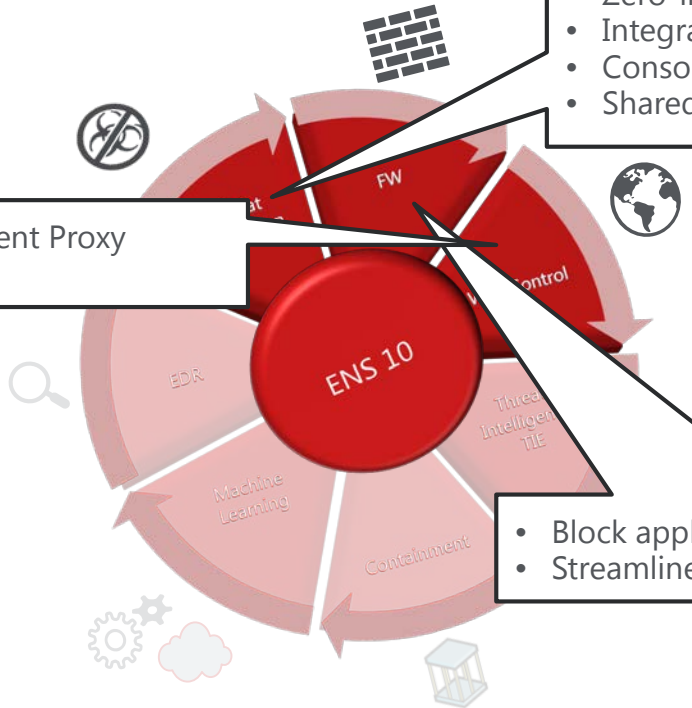
Okay, that’s great…
Why should I upgrade?

Why should I upgrade?

Better efficiency, smaller footprint and more powerful

- New AV engine with smaller DATs
- Zero-impact scanning for ODS
- Integrated HIPS functionality
- Consolidated On-Access Scanning policy
- Shared policy for Windows, Linux, and Mac

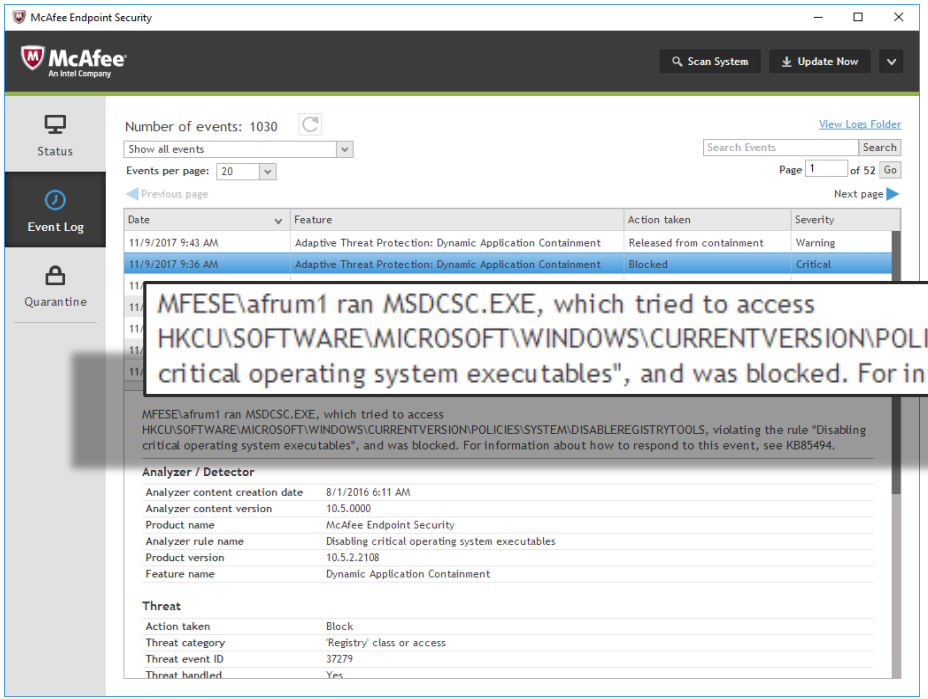
- Integration with McAfee Client Proxy
- Support for latest browsers



- Block applications by GTI reputation
- Streamlined policy creation

Why Should I Upgrade?

New interface



MFESE\afrum1 ran MSDCSC.EXE, which tried to access HKCU\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\POLICIES\SYSTEM\DISABLEREGISTRYTOOLS, violating the rule "Disabling critical operating system executables", and was blocked. For information about how to respond to this event, see KB85494.

- Unified interface for multiple technologies
- Unified event log for easier troubleshooting
- Event log entries “translated into English”

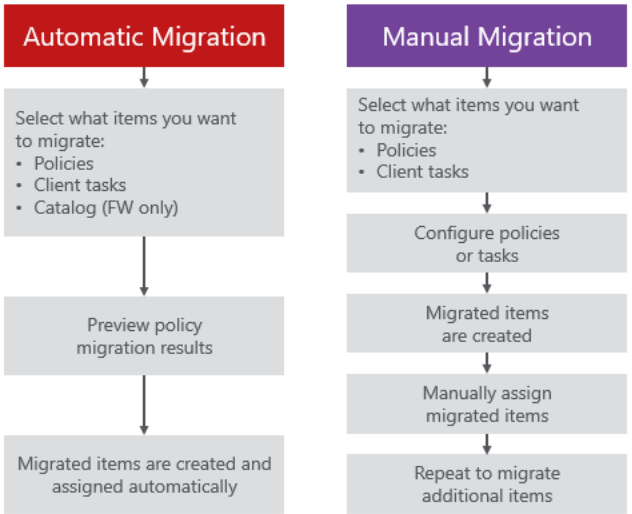
Let’s do this!
How do I get upgraded?

How do I upgrade?

Tools to upgrade to Endpoint Security 10.5

Endpoint Migration Assistant

Migrates legacy product policies to new Endpoint Security policies. There are two methods of migration; **Manual** and **Automatic**.

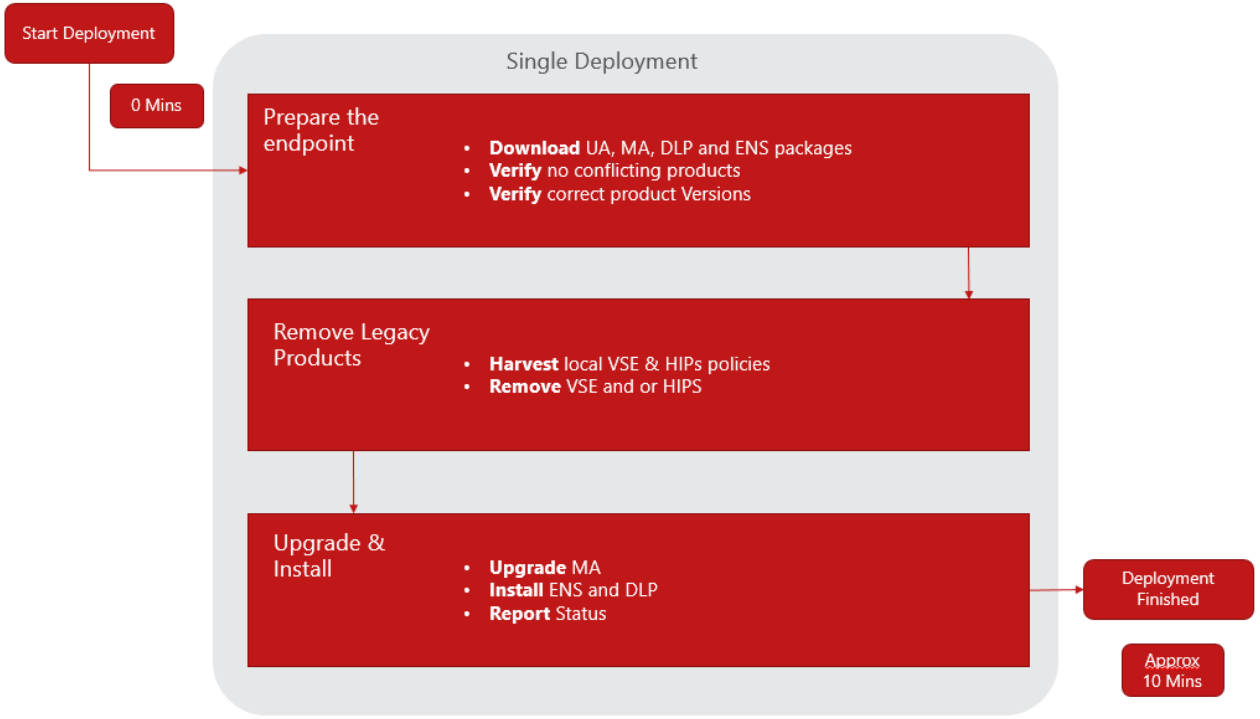


Endpoint Upgrade Assistant

- Analyzes environment to identify systems that meet the requirements to upgrade
- Identifies incompatible products and versions and prescribes required steps to prepare those systems for upgrade
- Tags machine in ePO based on their upgrade readiness
- Automatically upgrades endpoints to Endpoint Security including other solutions (e.g. DLP, Drive Encryption, DXL, etc)
- Tracks progress of endpoint upgrades
- Package builder available for 3rd-party deployment

How do I upgrade?

Endpoint Upgrade Assistant



Endpoint Upgrade Assistant

Live Demo

Endpoint Migration Assistant (EMA) and
Endpoint Upgrade Assistant (EUA)

.....you can turn on the “Secure Schools” features Just ask BellTech Logix.....

Secure Schools

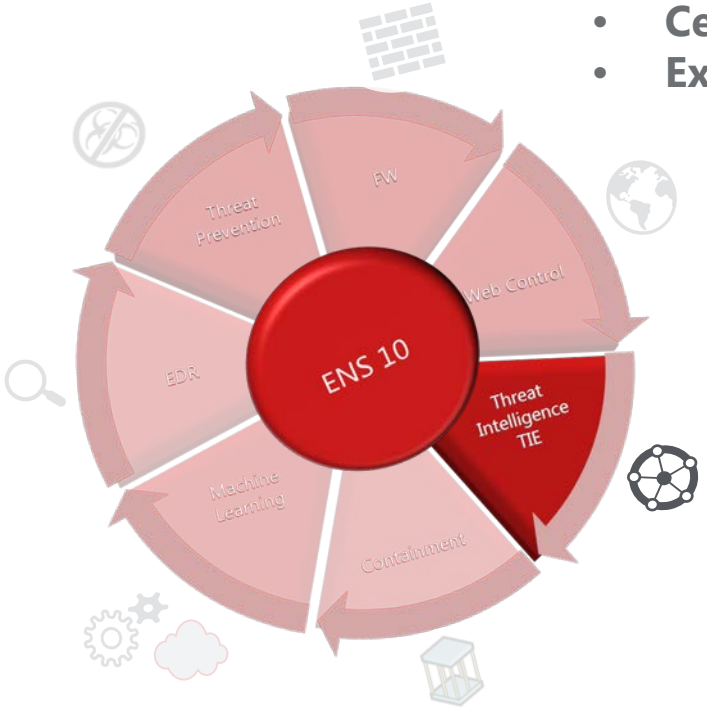
BELL Techlogix

Q & A

Enter any questions in chat

Threat Intelligence Exchange (TIE)

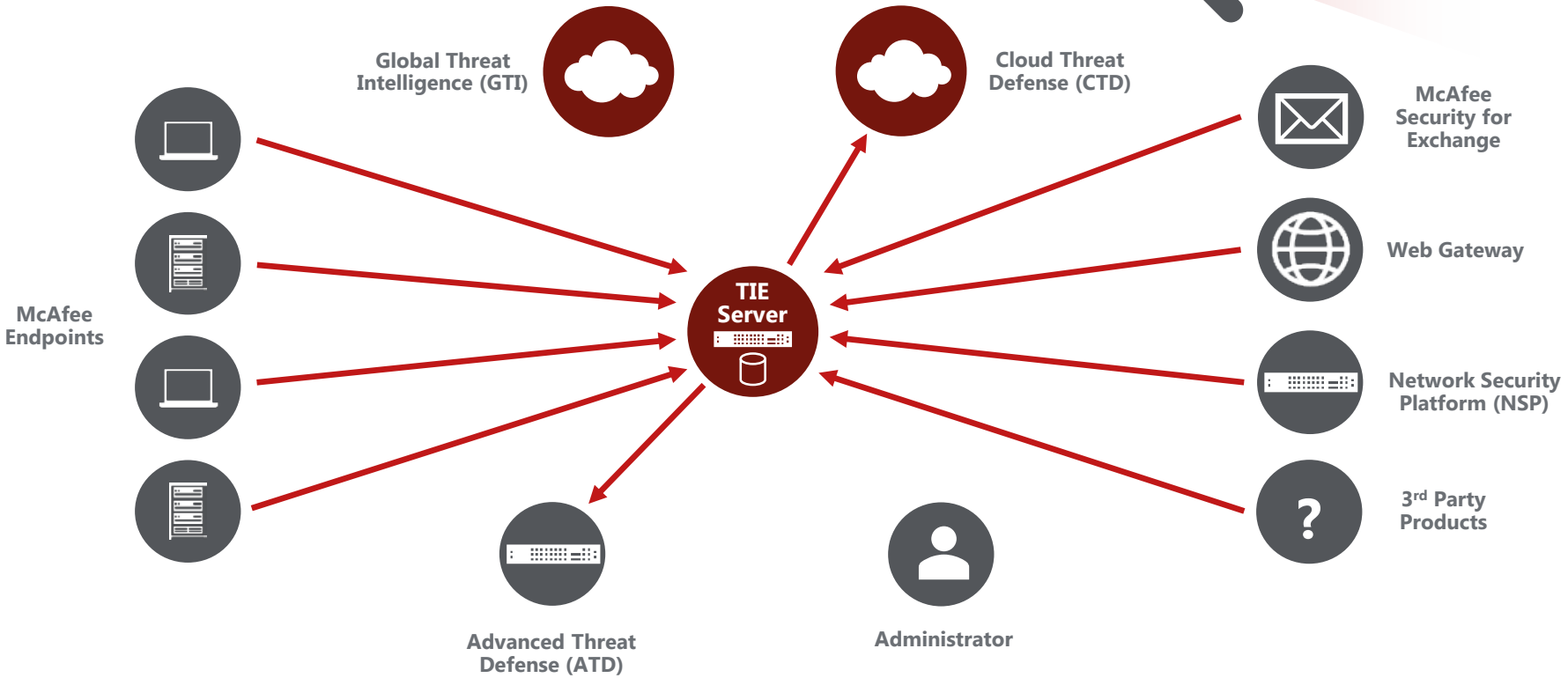
- Local and Global File Reputation
- Local prevalence and age
- Certificate reputation
- External reputation sources



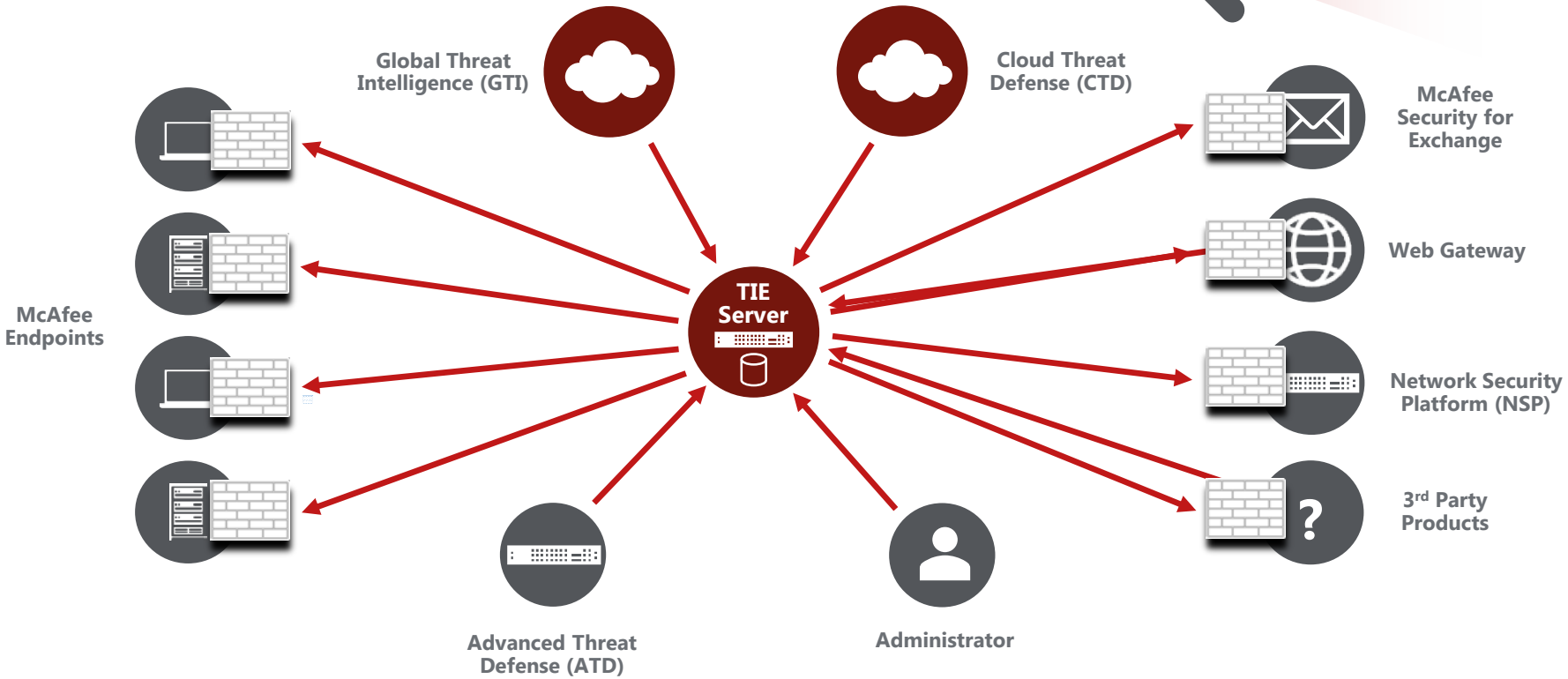
Threat Intelligence Exchange

Enterprise visibility

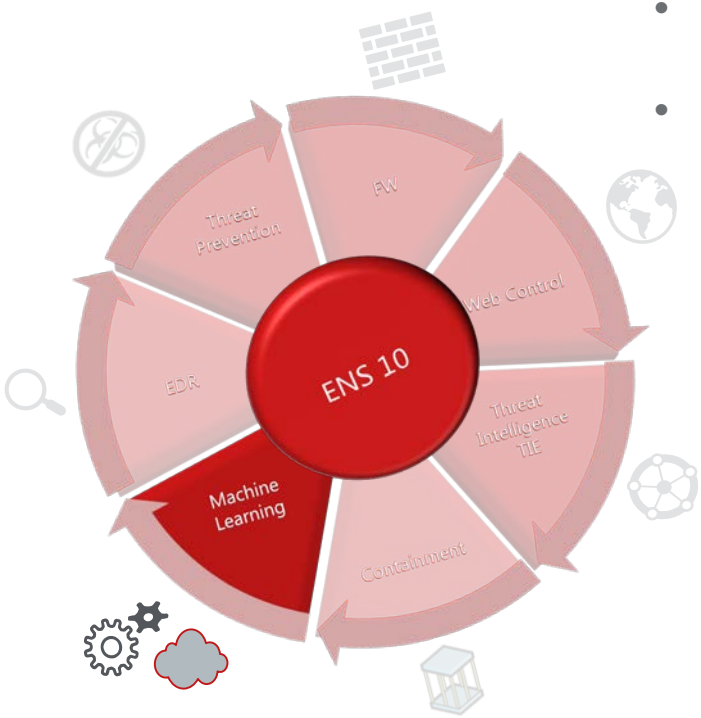
- Automatic submission
- Offline analysis



Threat Intelligence Exchange

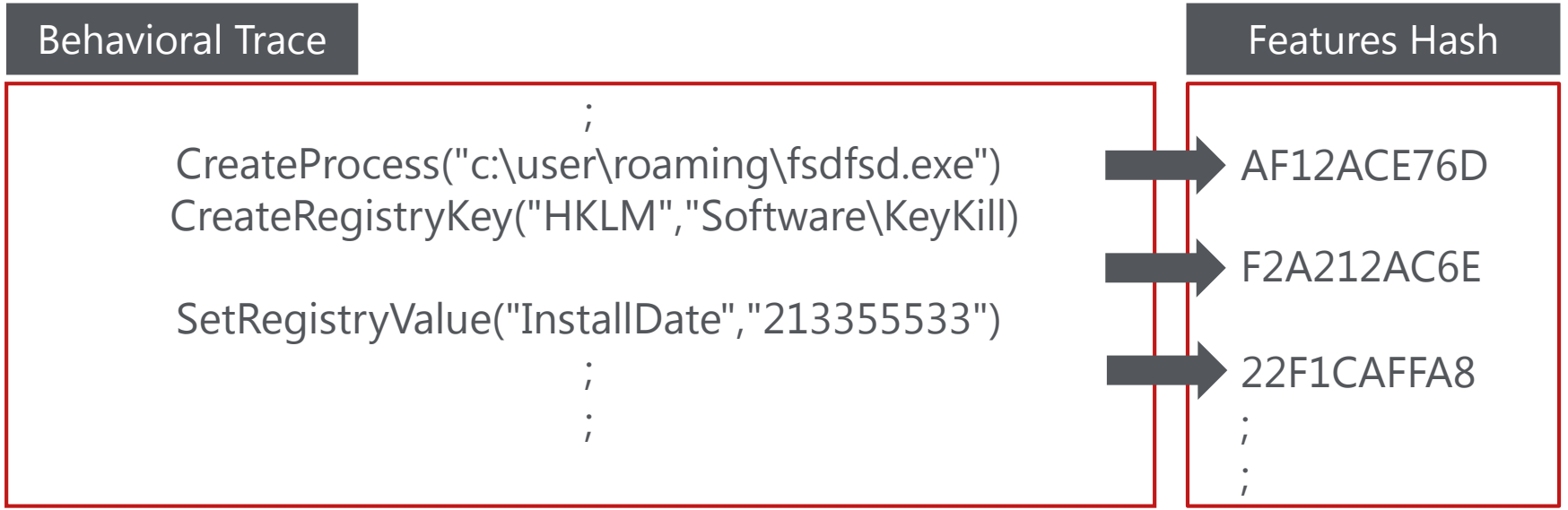


Real Protect – Machine Learning Cloud Behavioral Analysis



- Pre-execution scan using machine learned algorithms
- Post-execution cloud behavioral monitoring
- Cleans up after convicted malware

Features and Feature Vectors in Real Protect

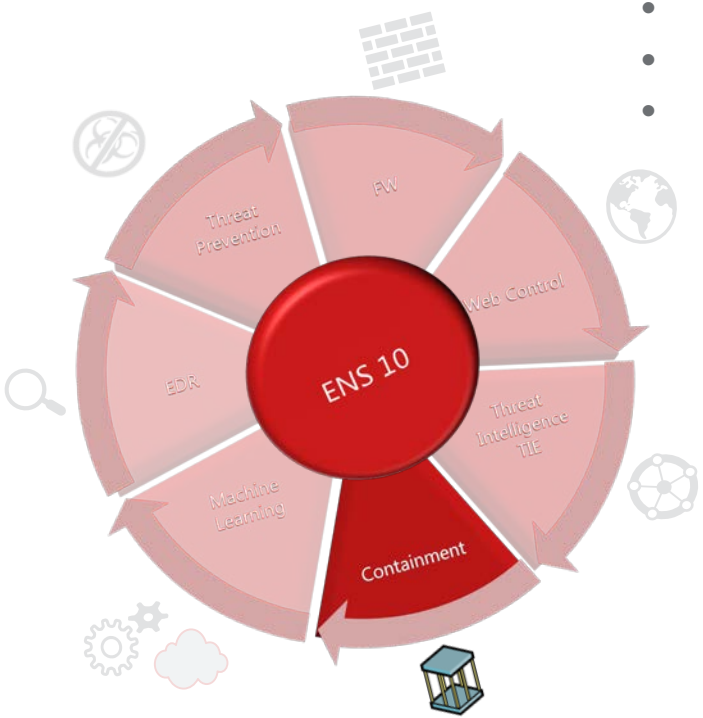


Feature Vector

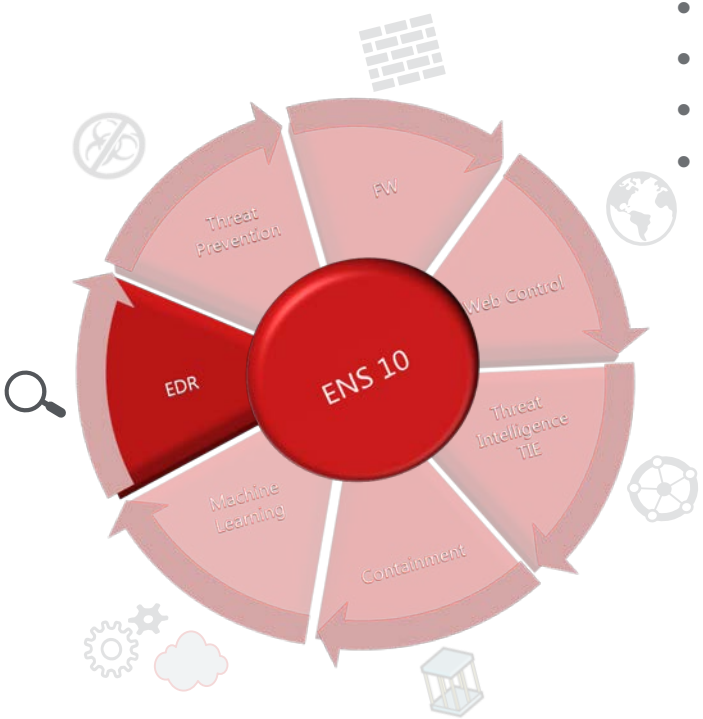
AF12ACE76D	F2A212AC6E	22F1CAFFA8	;	;

Dynamic Application Containment (DAC)

- Allows unknown files to run
- Constrains unknown processes
- Saves patient zero
- Protection without detection



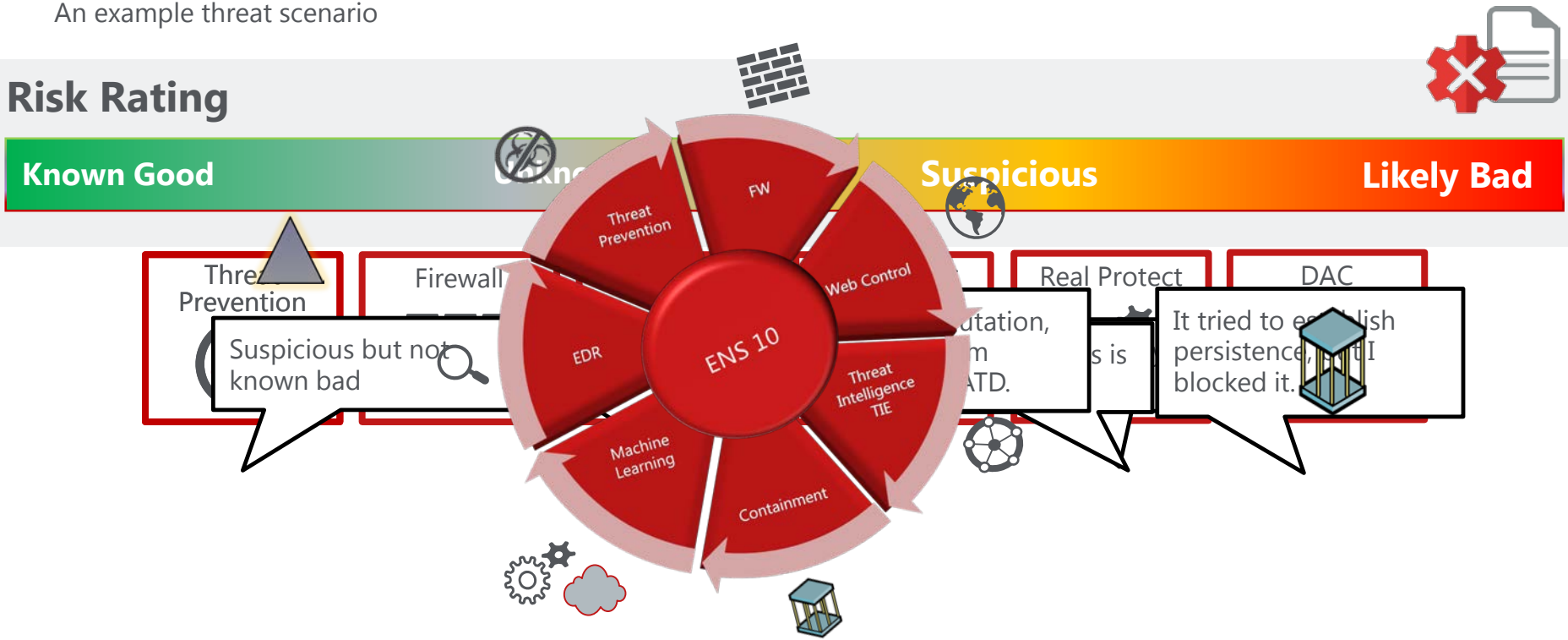
Endpoint Detect and Response (MAR) Active Response



- Threat Hunter
- Deep forensics
- Continuous monitoring
- Automated capture
- Trace Analysis
- Find dormant threats

What is McAfee Endpoint Security 10?

An example threat scenario



Additional Resources

- McAfee Expert Center (https://community.mcafee.com/community/business/expertcenter)
- Sales Engineer “Tech Check” Program
- Endpoint Migration Guide (https://kc.mcafee.com/corporate/index?page=content&id=pd26801)
- Endpoint Upgrade Assistant Product Guide (https://kc.mcafee.com/resources/sites/MCAFEE/content/live/PRODUCT_DOCUMENTATION/27000/PD27281/en_US/eua_150_pg_0-00_en-us.pdf)