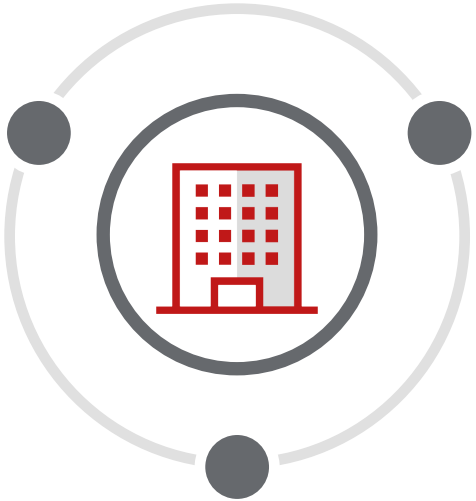
McAfee
Together is power.

McAfee Threat Intelligence Exchange

Security Obstacles Facing Organizations

Siloed Security

Separate organizations utilizing multiple point products, operating in functional silos with no intelligence sharing.



Lack of Visibility

Too much data and not enough intelligence makes visibility into threats challenging. Reactive security infrastructure lacks the timely intelligence needed to identify threats.

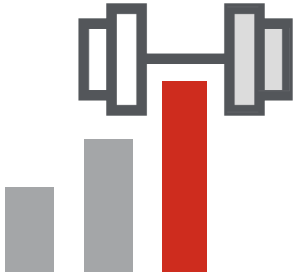
Targeted Attacks

Attacks are becoming more sophisticated, autonomous, and stealthy and are specifically designed to penetrate existing security controls, including security processes and people**.**

Threat Intelligence Exchange Approach

Security products should work together

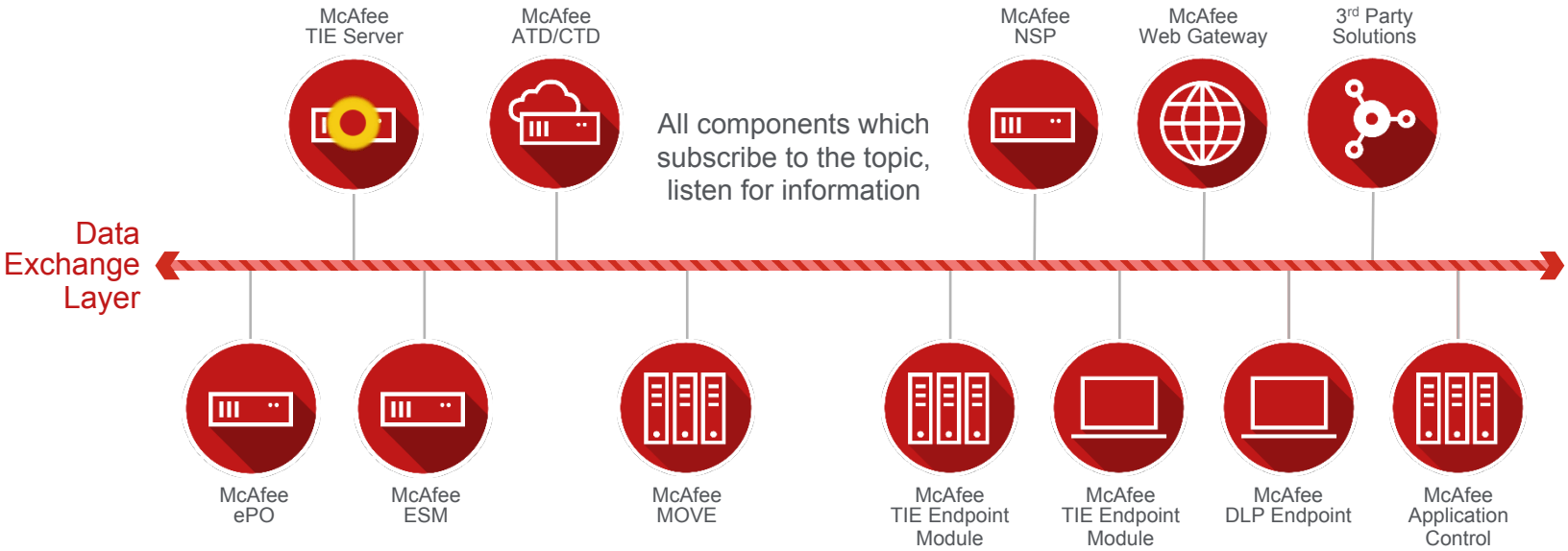
Security products should learn from each other



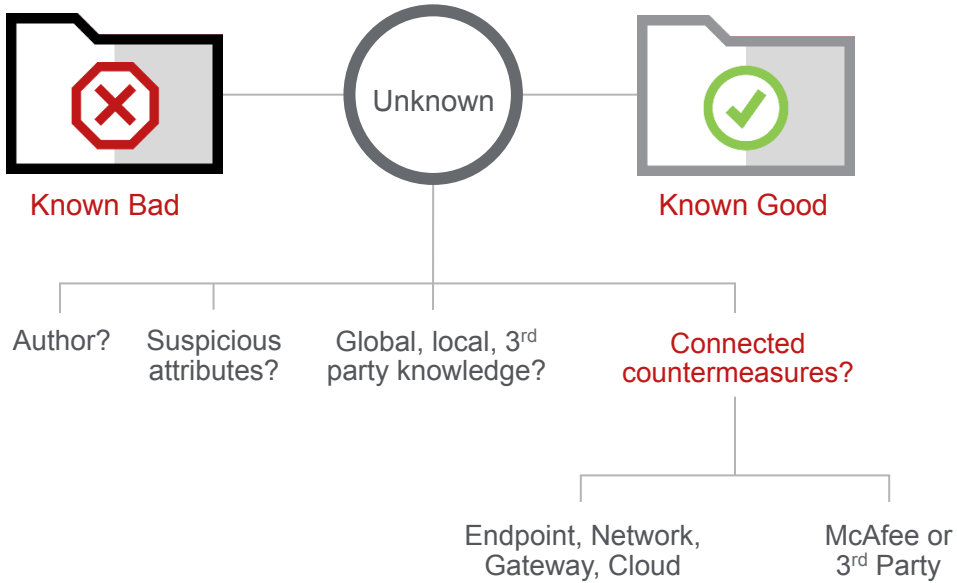
Security products should get stronger overtime

McAfee Data Exchange Layer (DXL)

Publish/Subscribe Model



Advanced Reputation-Based Inspection



Traditional Endpoint Protection Approaches

Blacklisting

- Known bad files
- Anti-virus technology
- Intelligence is global
- Daily updates

What about everything else?

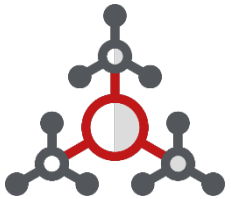
Whitelisting

- Known good files
- Application whitelisting
- Intelligence is manual
- Ad-hoc updates

Improve Your Infrastructure Awareness

Aggregate internal and external sources

Share file reputation intelligence in milliseconds



Inform your entire security infrastructure

Comparing Three Executables

Microsoft Visio

- ✔ Signed by trusted certificate
- ✔ Strong global reputation

Trust Level: **Very High**
Action: **Allow**

Custom Business App

- — No signature
- — No global reputation
- ✔ Highly prevalent in your enterprise
- ✔ No other red flags

Trust Level: **High**
Action: **Allow**

Unknown

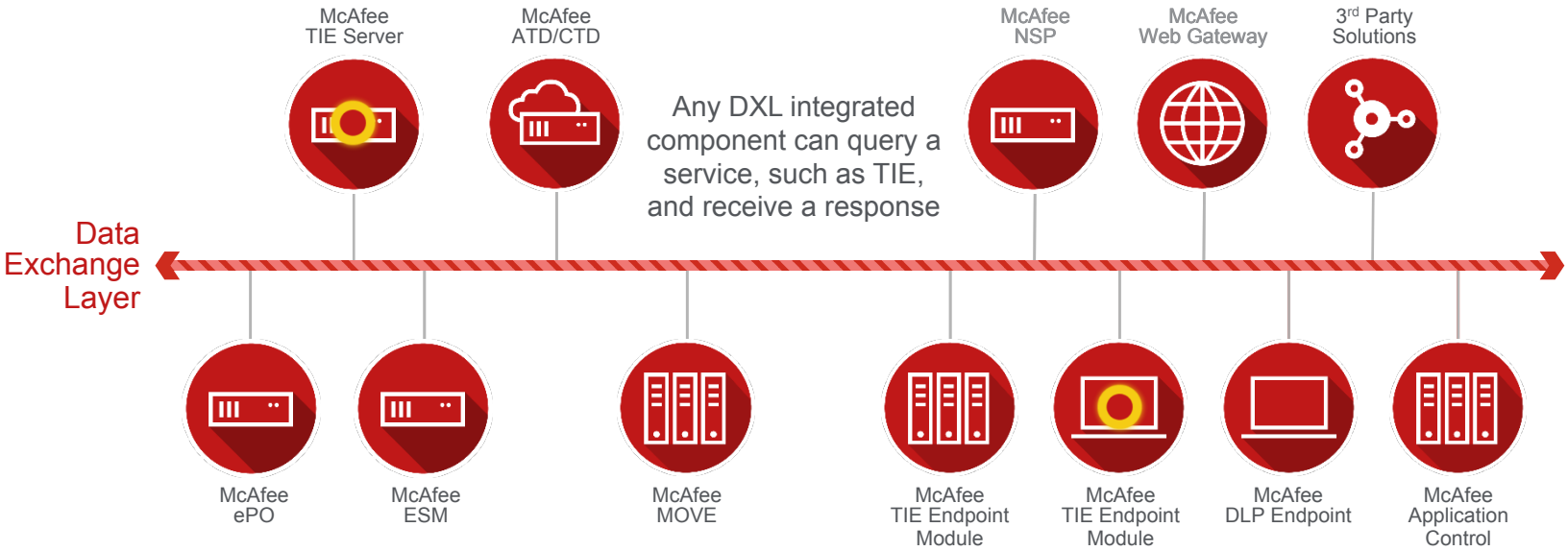
- ✖ No signature
- ✖ No local reputation
- ✖ First encounter
- ✖ Suspicious packing

Trust Level: **Low**
Action: **Block**

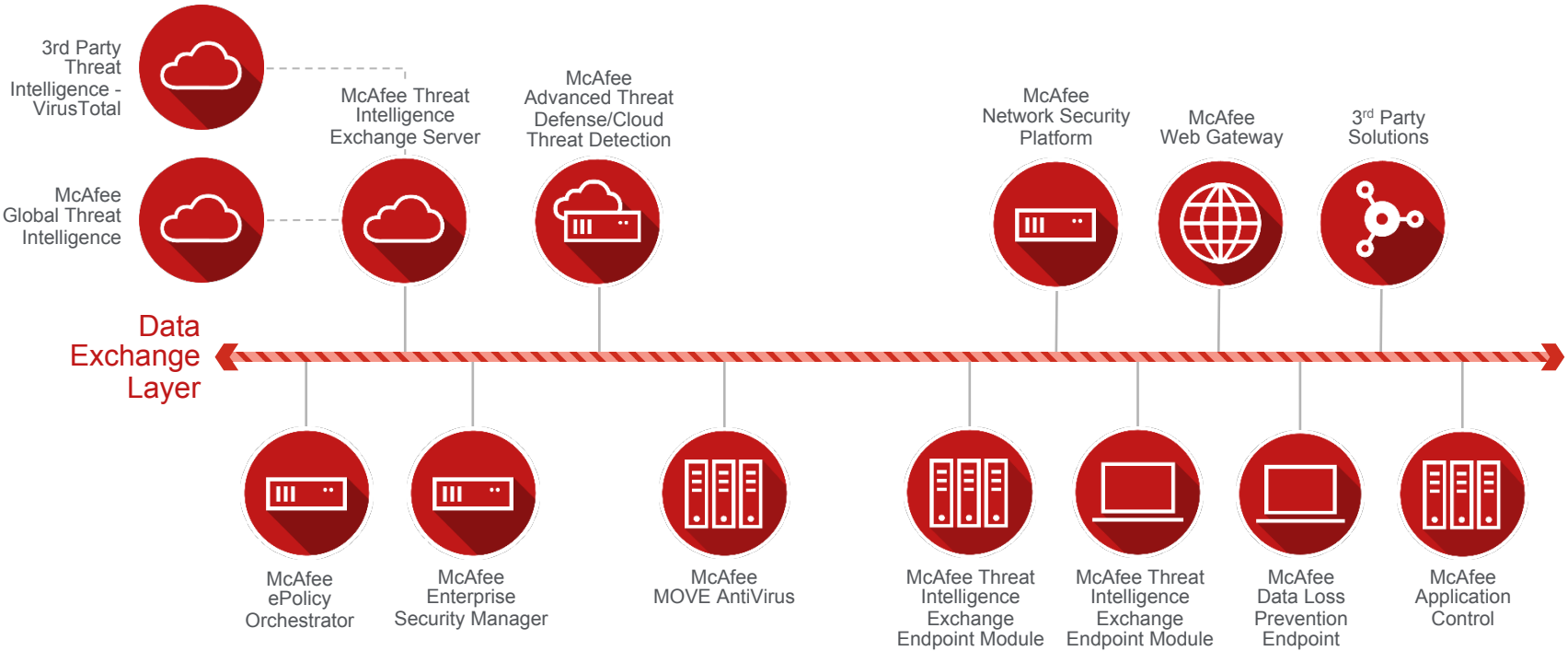
Enhanced Endpoint Protection

McAfee Data Exchange Layer (DXL)

1:1 Query/Response Model

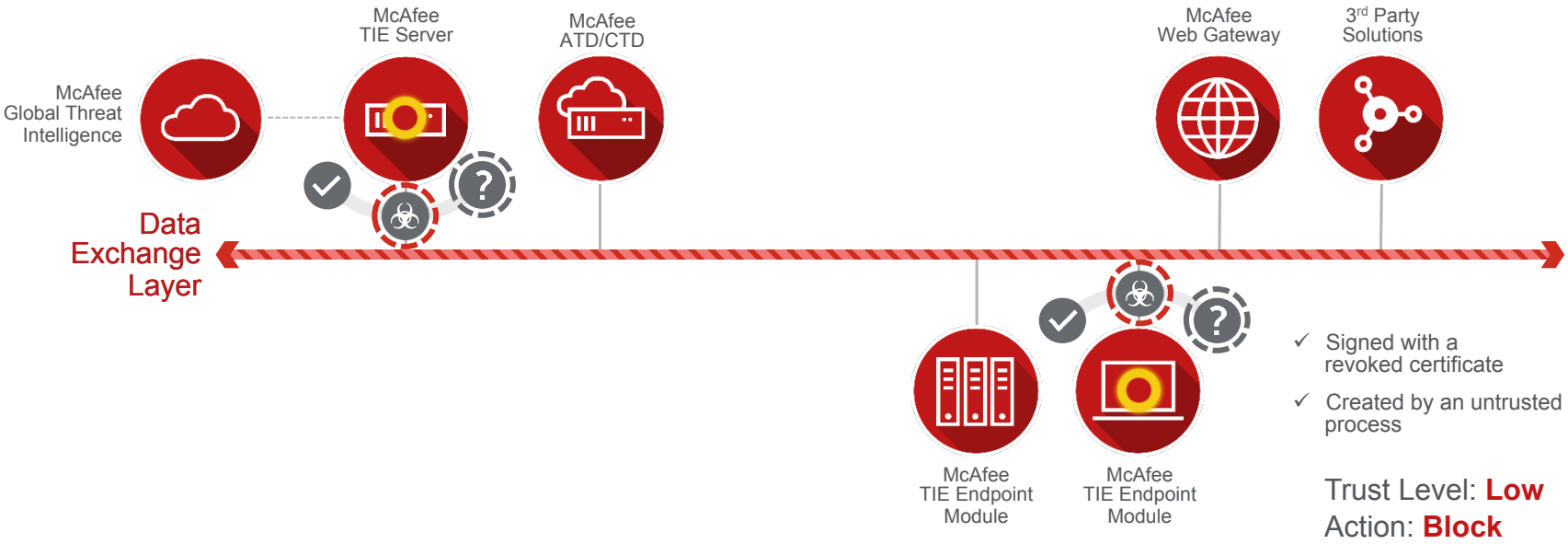


TIE Solution Overview



McAfee Data Exchange Layer (DXL)

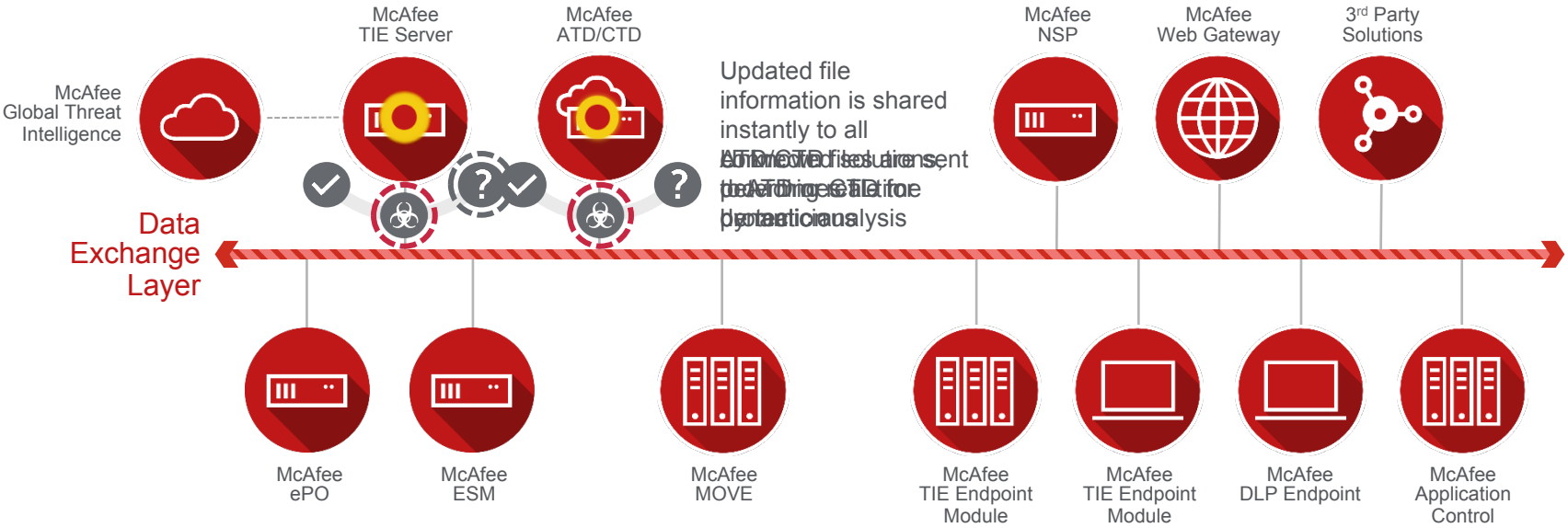
Enhanced Endpoint Protection



The Threat Intelligence Exchange Integrated Security Ecosystem

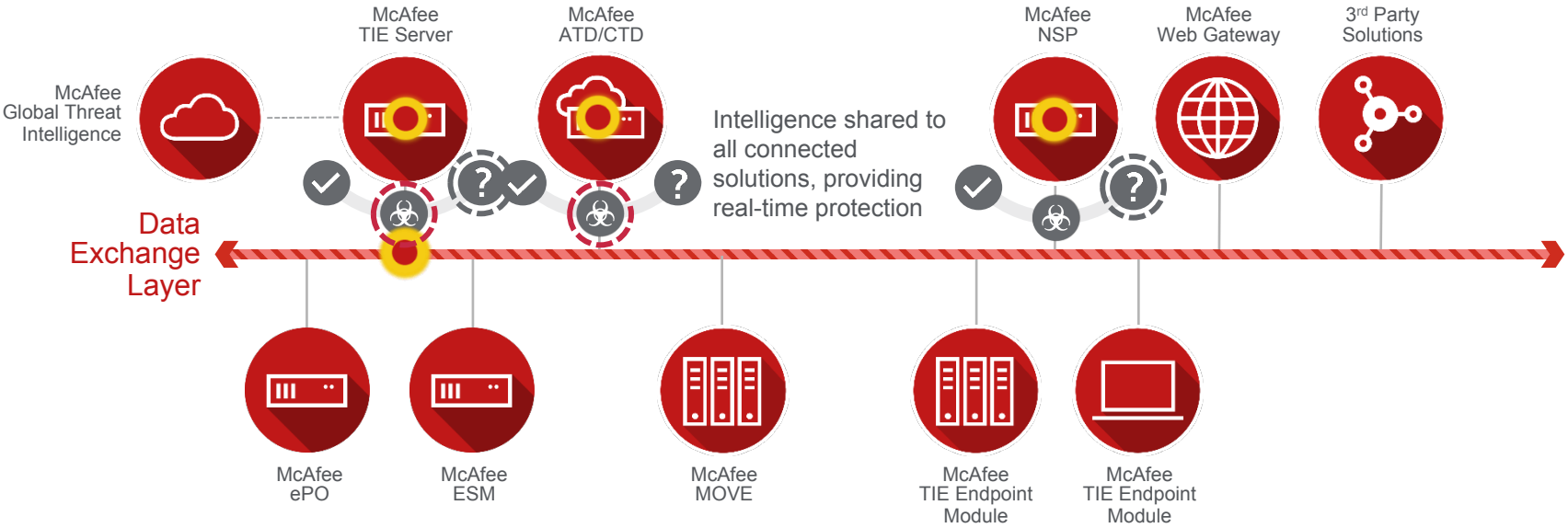
Advanced Threat Analysis Solutions Determine File Reputation

McAfee Advanced Threat Defense/McAfee Cloud Threat Detection



Threats Uncovered on Network Provide Local Threat Protection

From Detect to Protect in Milliseconds



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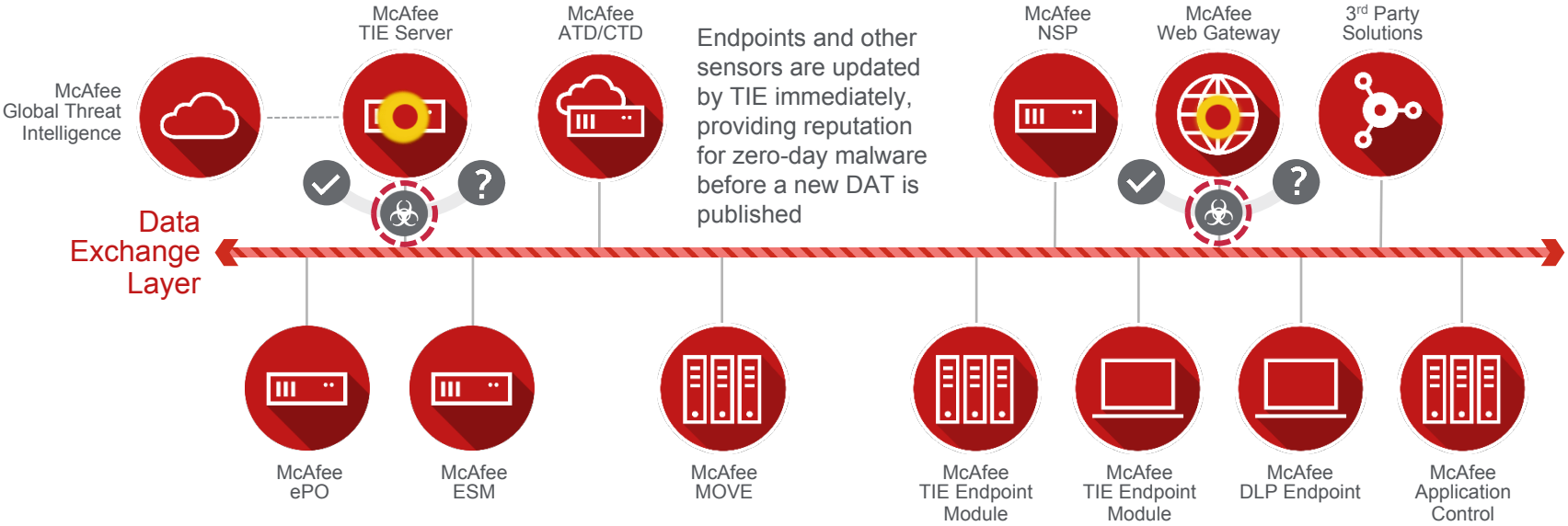
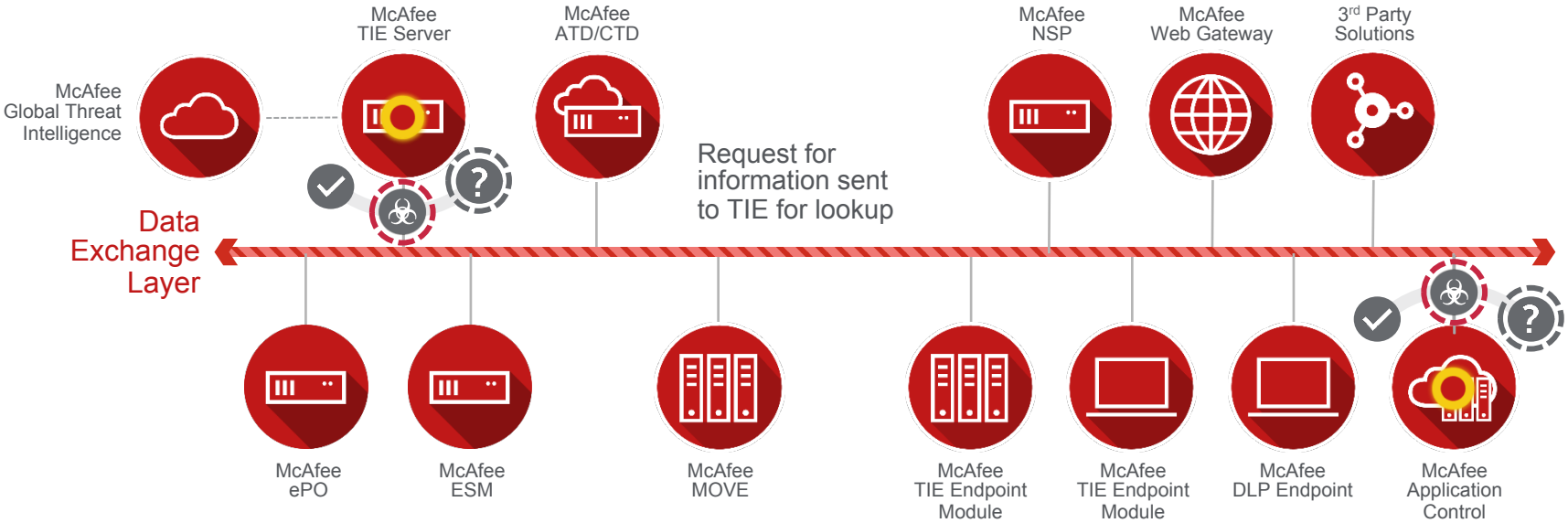
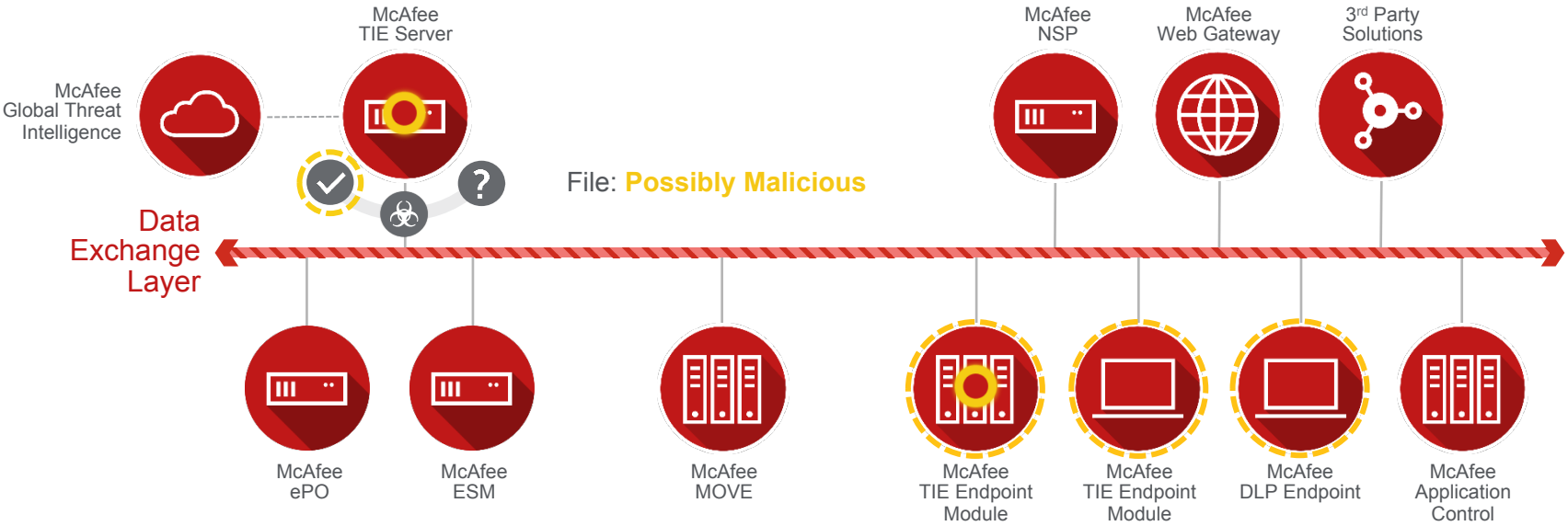


Application Control with Threat Intelligence Exchange Protects IaaS



Application Control prevents unknown or malicious processes from running

McAfee Data Loss Prevention and TIE Preventing Possible Breach



3rd Party Integration—
Scan BYOD upon Network Admission