

# IT FOUNDATION MANAGEMENT (ITFM)



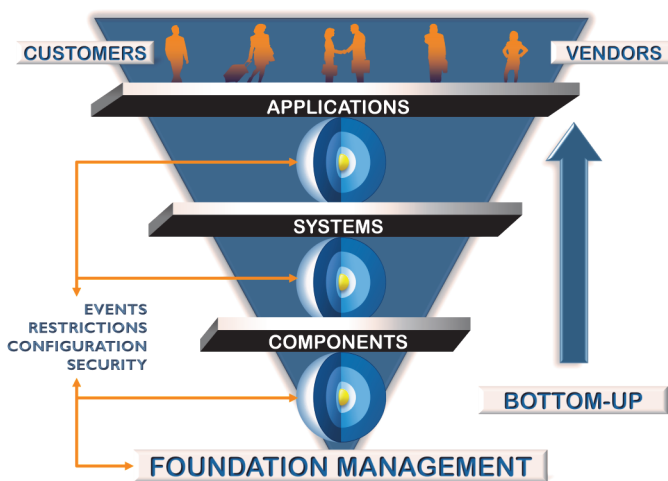
## What is Foundation Management?

IT Foundation Management is a bottom-up approach to IT infrastructure security, compliance, IT operations and IT service management. IT Foundation Management helps organizations secure their infrastructure against the Insider Threat, meet compliance regulations, increase the reliability of their IT infrastructure, reduce the costs of operations, and to optimize their IT services.

### Security

For security, IT Foundation Management addresses the securing of the IT infrastructure

at all levels in a bottom-up approach that encompasses every mode of operation. IT Foundation Management directly addresses potential security breaches at the component layer that expose organizations to the Insider Threat – a threat that can compromise the very services they exist to provide.



### Compliance

For compliance, IT Foundation Management reaches across the entire IT architecture with respect to the events, actions and access points applicable compliance.

With IT Foundation Management, both the intent and interpretation of compliance regulation- *regardless* of the current or subsequent states of interpretation.

### IT Operations

For IT Operations, IT Foundation Management is focused on events within the IT infrastructure that are likely to have significant impact on the successful operation of the organization. Even when already under systems-based management, the opportunity to decrease the lifecycle of incidents with IT Foundation Management for IT Operations often exceeds a 10x improvement.

### Services

For IT Services, IT Foundation Management provides the means to optimize and improve the delivery of the IT Business and Product Services of organizations. IT Foundation Management is focused on events affecting the reliability, service availability, meeting of Service Level Agreements, and situational conditions that threaten the delivery of a service against any and all business measures of importance.

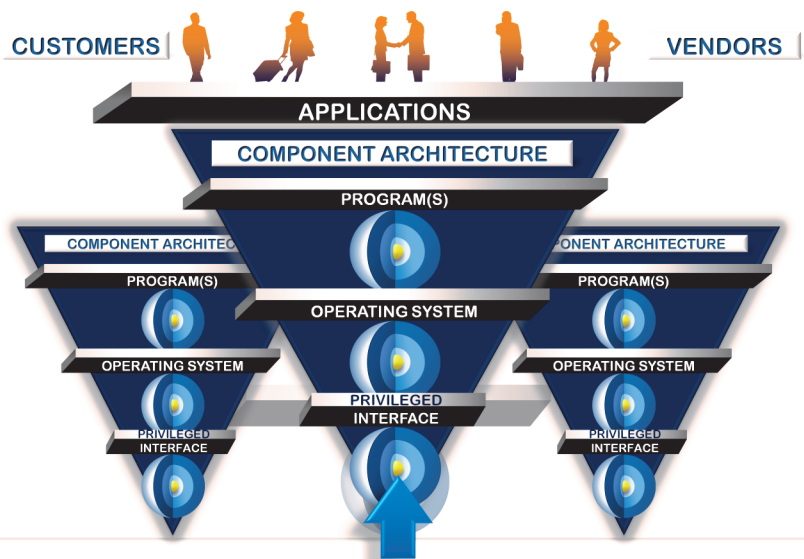
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## What Problems does it Solve?

### Security

IT Foundation Management is used to prevent insiders from:

- ∴ Gaining access to, altering or destroying sensitive data
- ∴ Inappropriate actions that may be disruptive or destructive in nature
- ∴ Disruption from improper configuration of components or systems
- ∴ Inserting destructive code or programs into the infrastructure



**PRIVILEGED INTERFACES (BMC, SERIAL PORT, CONSOLE) IN THE COMPONENT LAYER HAVE THE HIGHEST AUTHORITY, GREATEST VULNERABILITY AND MOST RISK**

### Compliance

To help meet compliance and audit requirements, IT Foundation Management addresses compliance concerns by:

- ∴ Securing and managing privileged component interfaces
- ∴ Detecting, relating, documenting, and treating compliance-related events
- ∴ Creating forensic records to validate compliance and support audits

### IT Operations

For IT Operations, IT Foundation Management helps organizations

meet the challenge to “do more with less” by:

- ∴ Reducing the Incident “Detect, Diagnose, Treat” life cycle
- ∴ Improving IT Operations efficiency and decreasing costs
- ∴ Averting preventable failures and stopping cascading failures
- ∴ Providing secure, remote access for monitoring and management

### Services

For IT Services, IT Foundation Management helps organizations meet SLAs, increasing reliability, and decreasing support costs with:

- ∴ Faster detection and remediation of threats to Service Level Agreements
- ∴ Reduction of work and cost of after-the-fact remediation through proactive management
- ∴ Demonstrable evidence of what occurred and when, as a matter of record for critical data behind the operation of services.

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## How is it Different?

### Security

IT Foundation Management secures IT infrastructure at the very foundation of the infrastructure by establishing connection and control over privileged component interfaces that are used to configure, repair, and maintain the component and systems layers of the architecture—regardless of the operating mode of the component.

IT Foundation Management secures and manages trusted Insiders (employees, contractors, vendors) who have access to privileged interfaces by design, as well as anyone from the outside who manages to “get inside” the organization’s boundary defenses.

### Compliance

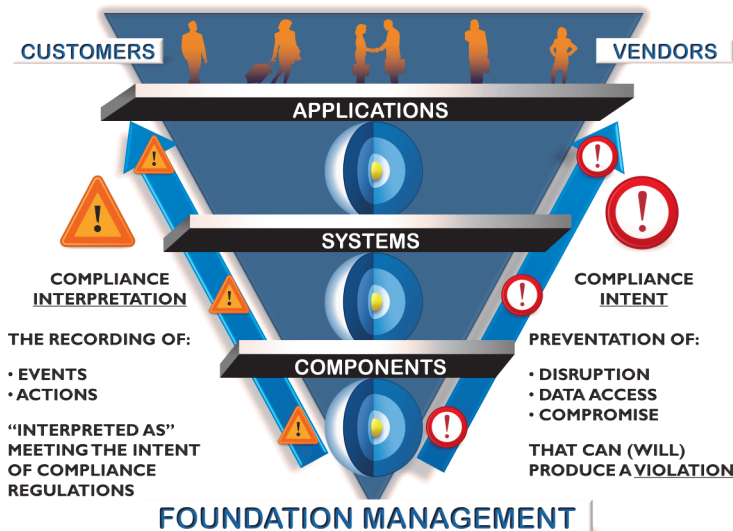
IT Foundation Management extends systems-based security, role-based access, and authentication to the access points in the IT architecture that have the highest authority level— access points that can easily be used in violation of compliance regulation. Further, IT Foundation Management alerts, aids in remediation and produces forensic evidence of events and actions pertinent to compliance regulations.

### IT Operations

IT Foundation Management increases efficiency, reduces cost and increases availability by optimizing (and automating) the “process” of dealing with Incidents—event detection, diagnosis and treatment—often by 10x or more.

### Services

IT Foundation Management addresses the challenge of capturing “flows of information” from any (or all) levels of the IT architecture that can be used to identify issues, prevent disruptions, and “look ahead” to spot probable issues against business measures – such as Service Level Agreements. Services IT Foundation Management enables organizations to capture, prioritize, alert and remediate on information from any number of applications that exist behind a service, the systems used to run those applications and the components within the systems.



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### How do I Act on This?

IT Foundation Management from TDi Technologies® helps secure the organization from the Insider Threat (and outsiders who breach perimeter defenses), meet both the intent and the interpretations of compliance regulation, improve the efficiency of IT Operations while reducing the cost of same, and deliver IT Business and Product services with proactive management of Key Performance Indicators (such as Service Level Agreements).

With IT Foundation Management, organizations increase their ability to adapt their business against internal and external pressures without eroding or compromising the technological foundation their business is built on. IT Foundation Management secures the present, records the past, and prepares the organization for the future.

#### CONTACT:

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You can also read more on IT Foundation Management and TDi Technologies® on the web at [www.TDiTechnologies.com](http://www.TDiTechnologies.com) and review additional information on the Defense Foundation on the web at [www.TDiTechnologies.com/foundation-management](http://www.TDiTechnologies.com/foundation-management).

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*Your business is built on IT*