

SUNGARD[®]
Availability Services

KEEPING PEOPLE AND INFORMATION CONNECTED[®]

The Value of Integrated and Automated Software Tools in Business Continuity Management

Steve Kokol, ABCP
Vice President of International Sales
SunGard Availability Services

Agenda

- Automation Business Continuity Management Tools
 - Requirements Assessment
 - Information Management
 - Testing
 - Incident/Disaster Management
 - Crisis Communication
 - Compliance Measurement
- BS 25999 worldwide
- Maturity state of Business Continuity worldwide
- How can tools help in compliance of BS 25999

SunGard Availability Services Overview

- SunGard Availability Services focused on Business Continuity Planning Software and Services
 - SunGard created the DR Industry 30 years ago
 - Acquired Strohl Systems (BCP Software) in May 2008 (20 years of BCP software experience)
 - Work closely with Almittech LLC to support the BCP Marketing in the Russian Federation



BS 25999 - 005 0308

Safeguarding Your Information

Acts of Nature

EARTHQUAKE



FLOODS



Less Frequent But
Very Impactful

WILDFIRE



Safeguarding Your Information

Man-made disruptions/disasters and
Failure of infrastructure or technology

HARDWARE PROBLEMS

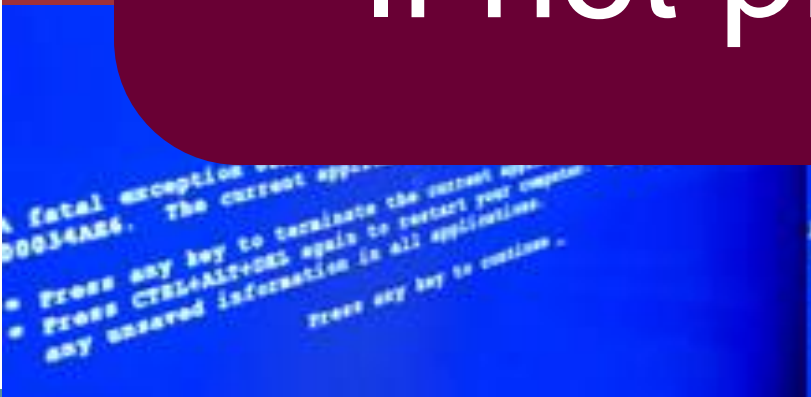


ACCIDENTAL DELETION



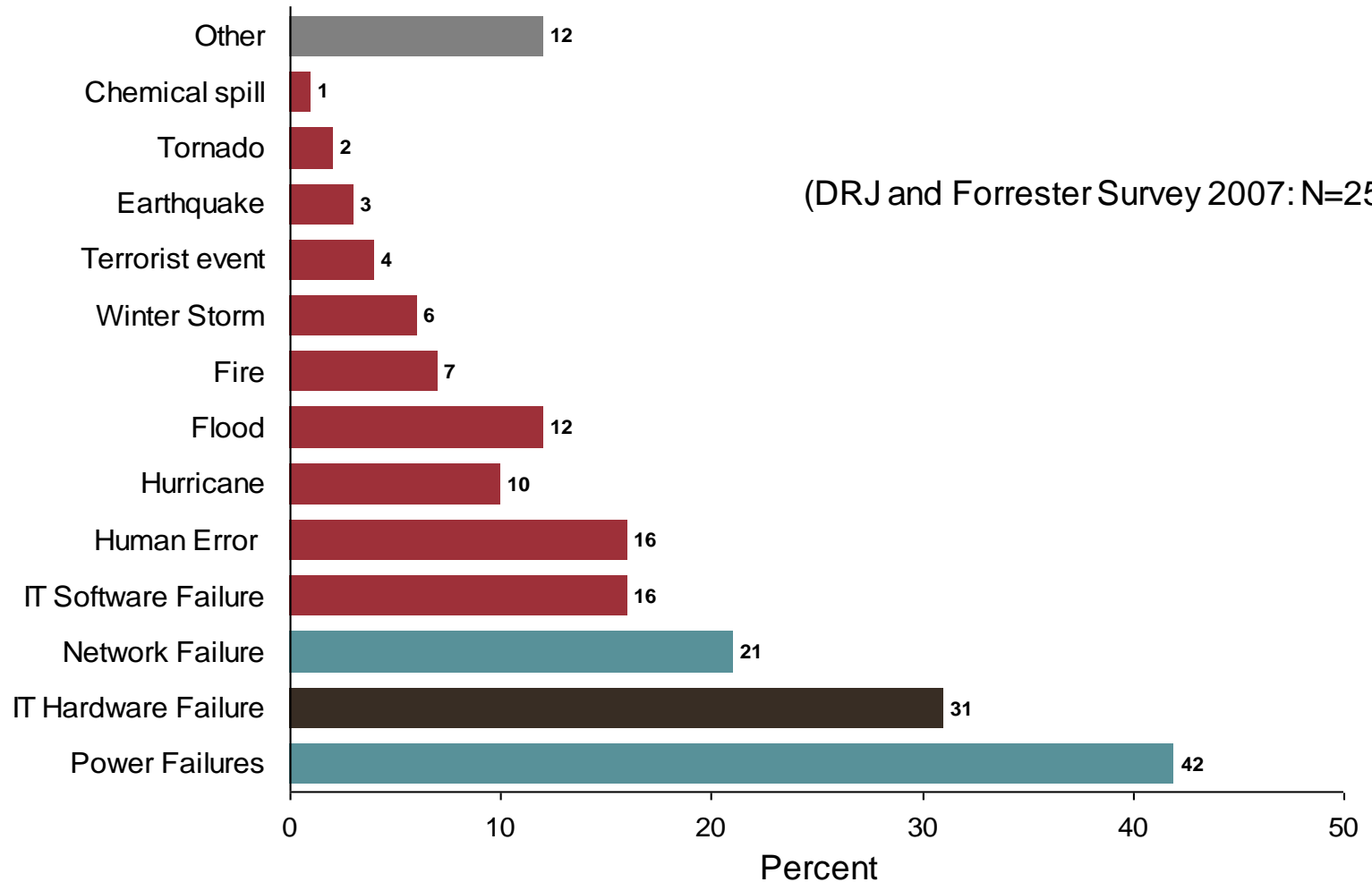
Very Frequent and
Potentially Impactful
If not prepared!

DATA

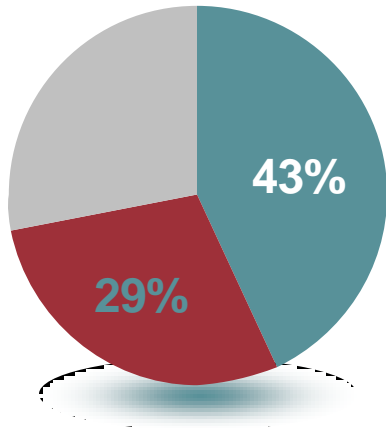


Types of Disasters or Major Business Disruptions

All Businesses

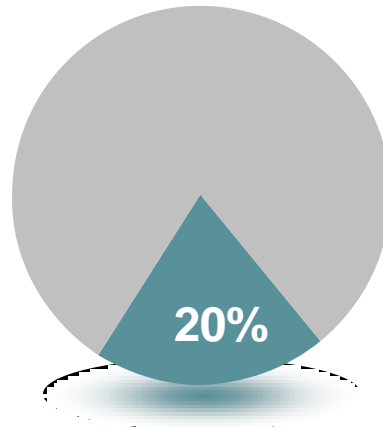


Why prepare? Possible consequences



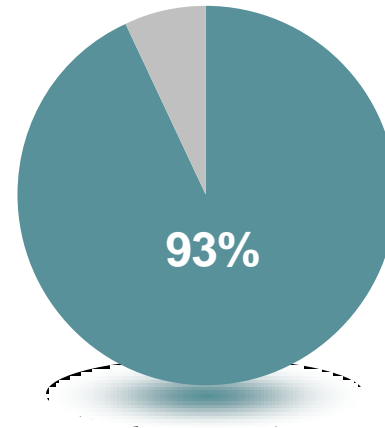
- 43% of companies never reopen after a disaster
- 29% or more close within three (3) years

(Source: U.S. National Fire Protection Agency)



- 20% of **small to medium size** businesses suffer a major disaster every five (5) years

(Source: Richmond House Group)



- 93% of companies that suffer a significant data loss are out of business within five (5) years

(Source: U.S. Bureau of Labor)



Disgruntled employees are the largest and single most damaging source of risk

(Source: National Computer Security Association)

Research has shown that 90% of businesses that lose their data in an emergency close within two years if they have no business continuity plan

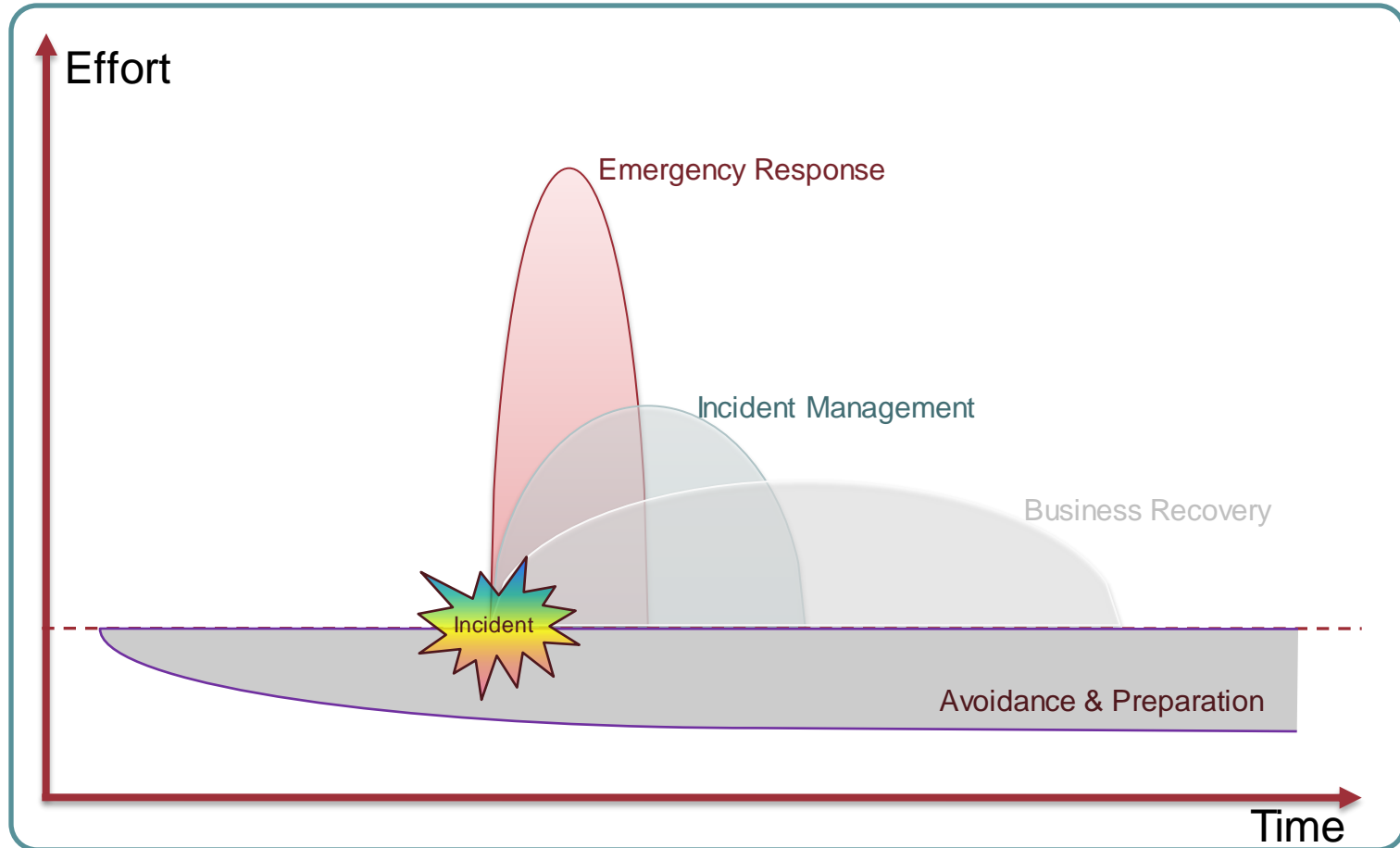
(Source: London Prepared)

Why Automation?

- **Standardization**
 - One format for regional event management
- **Central Repository**
 - One location for all relevant planning data
- **Maintenance/Updating**
 - Relational Database
- **Reporting Capabilities**
 - Over 250 standard reports for improved decision making and audits

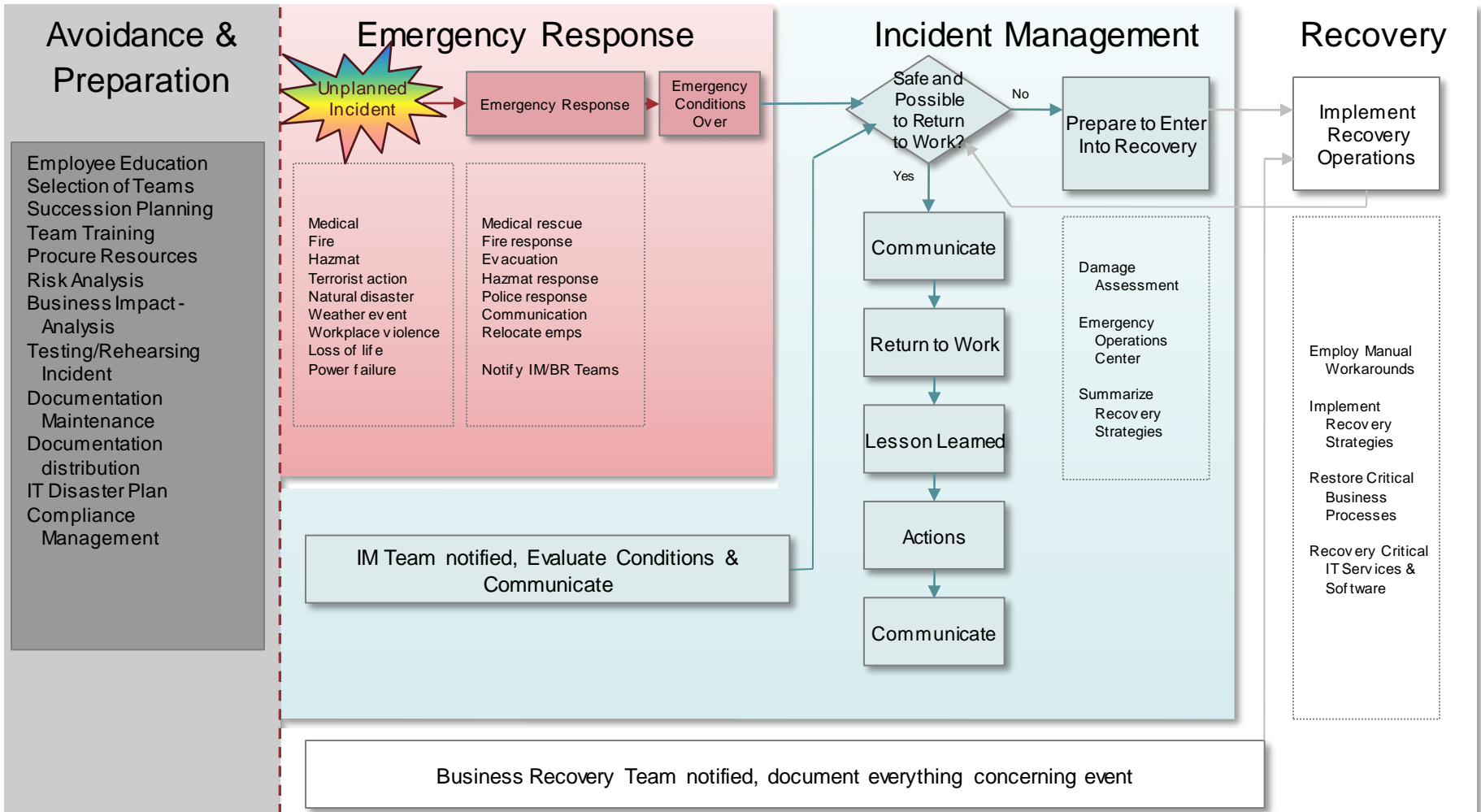


Typical BC Effort vs. Time Chart



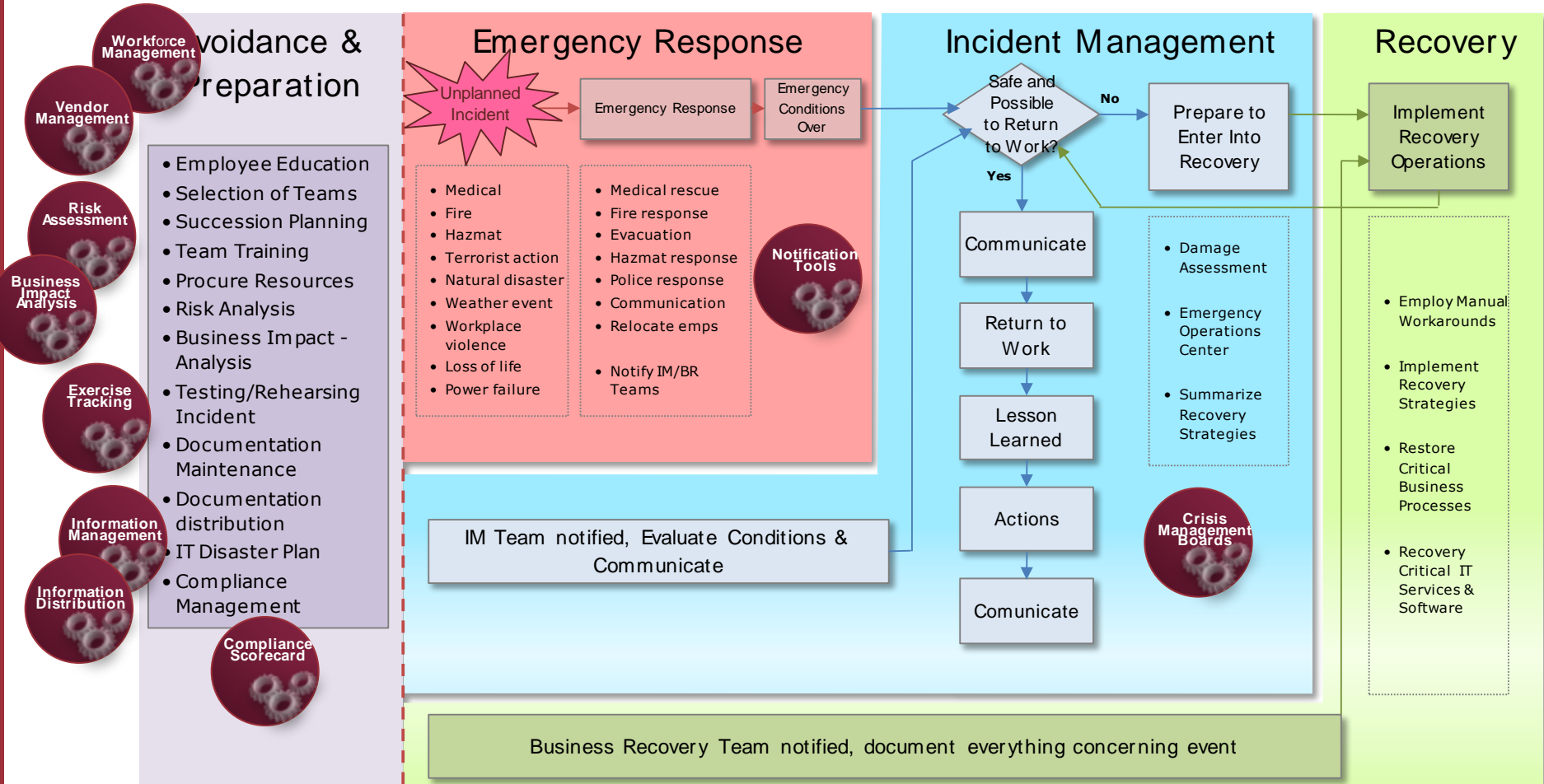
*Source: Business Continuity – Keeping it Simple, by Ed Langmaid, CSP/MBCI

Global tasks and phases of BCM process



*Source: Business Continuity – Keeping it Simple, by Ed Langmaid, CSP MBCI

Automated Software in the global BC process



SunGard Automated BCP Solutions



SunGard Automated BCP Solutions



BIA Professional
Powerful and flexible Business Impact Analysis Software

Risk Assessment
Offers a solid methodology to identifying threats and vulnerabilities that put your organization at risk.

SunGard Automated BCP Solutions



LDRPS

Industry leading business continuity tool, uses proven methodology to help build the strongest plans possible.

Workforce Management

Ensure you have critical information on your personnel. Gather data analyze it and produce metrics to show just how prepared your people really are.

SunGard Automated BCP Solutions





Vendor Assessment
Enables you to assess and rate the resiliency of your vendors and the supply chain that you so heavily rely on.

Exercise (Test) Tracking
This is the application you need to record and track vital information such as dates, results, action items and signoff.

SunGard Automated BCP Solutions

NōtiFind

A powerful and dependable emergency notification system that provides companies with the ability to quickly communicate a consistent message to thousands of people.

-  Existing products
-  Future products



Incident Manager Powered by WebEOC

An online command centre that coordinates and tracks disaster response, communicates issues and ensures a more efficient and effective recovery.

SunGard Automated BCP Solutions



Compliance Scorecard

Enable you to easily measure up against industry standards such as BS 25999 as well as your own audits - to track how you're doing.

API

The API application allows you to integrate your systems of record to applications in the Continuity Management Solution

BS 25999 Worldwide

- BS 25999 Part 2 Launched Globally in October 2007
- First True International Standard
- Still more widely recognized outside of America
- Other more widely known Standards in the US
- Gaining popularity globally

SunGard Endorses BS 25999 – The Value Proposition

- Provides a common framework, based on internationally accepted best practices for implementing and managing business continuity
- Provides a framework for organizations of any type, size and location
- Improve operational effectiveness of an organization
- Allows for the proactive management of business risks
- Help demonstrate applicable laws, regulations and contractual requirements are being observed
- Brings a common understanding to all stakeholders

BCP Acceptance Worldwide

- What drives BCP Acceptance in a particular country versus another?
 - Propensity to experience frequent natural disasters
 - Typhoons
 - Earthquakes
 - Floods
 - Monsoons
 - Country Specific Standards, Regulations
 - Industry Regulations
 - Corporate Governance Laws
 - Avian or Swine Flu Pandemic / SARS
 - War / Terrorism

BCP Acceptance Worldwide

- Standards and Regulations drive Acceptance
 - BCI Good Practices Guide and DRII Generally Accepted Principles
 - BS 25999 – Business Continuity Management
 - BS 25777 - Information and communication technology (ICT)
 - UK Financial Services Authority
 - Basel II Accord
 - Bank for International Settlements - High-level Principles for Business Continuity Planning – August 2006
 - European Commission – Markets and Financial Instruments Directive (MiFID)
 - Bank of Russia
 - SAMA – Saudi Arabian Monetary Agency
 - Central Bank of Jordan
 - De Nederlandsche Bank
 - Monetary Authority of Singapore

BCP Acceptance Worldwide



The Central
Bank of the
Russian
Federation

- Standard of the Bank of Russia –
СТО БР ИББС-1.0-2008 (Since May 2009)
 - Ensuring information security of the organizations of the banking system of Russian Federation
 - **Focuses on the Information Security Issues**
 - Recommendation – not obligatory
 - 8.11 Business continuity management and disaster recovery requirements
 - Defines key requirements for BCMS:
 - Definition of key information assets
 - BC/DR plan content requirements
 - Regular plan testing
 - Awareness and education programme
 - Regular review and actualization
 - Roles definitions

BCP Acceptance Worldwide



The Central
Bank of the
Russian
Federation

- Bank of Russia – Internal Audit Regulations (242-P)
 - Provides Business Continuity Requirements as a part of Risk Management Requirements
 - **Obligatory for all Banks and Credit Organizations**
 - Requires Having BCMS in Place and Provides Recommendations for BCMS Lifecycle
 - BIA
 - Risk Assessment
 - Plan Development (including Plan Structure Requirements)
 - Plan Testing
 - Plan Review

SunGard Availability Services Software Overview

- Over 3,000 BCP Software Customers in 70 countries throughout the world
- Unequaled Support – Almitex Russia
- User Community Events
 - International User Group Conference – April 2010 – Orlando, Florida, USA
 - Global Regional User Group Meetings
- Our Software Protected 5 Trillion Euros in Revenues Last Year
- Industry Partnerships
 - BCI
 - DRII
 - BSi ACP for BS 25999



BS 25999 - 005 0308

SunGard Availability Services' Worldwide Software Presence – June 2009

49 SunGard Availability Services Offices or Authorized Representatives covering 111 Countries



Final Thoughts

*“The **ONLY** thing harder than planning for an emergency is explaining to top management why you didn’t.”*

“The value of a BCM program is that it conditions the organization and its people to more calmly address the things that they didn't expect to happen.”

The Total BCP Solution by SunGard Availability Services

SUNGARD[®]
Availability Services

