PERVACIO INC



ANALYSIS OF THE REQUIREMENTS OF PERVACIO CUSTOMERS AND FINDING KEY PERFORMANCE INDICATORS

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ROAD MAP

Introduction and Approach

Information Technology Enterprises – KPI's and measurement

Recommerce companies or Refurbishers - KPI's and measurement

Retailers - KPI's and measurement

Dashboard

Recommendations

INTRODUCTION AND APPROACH

Explore the unexplored!!

Pervacio has clients from OEM and Retailers but not from Enterprises and Re-commerce companies. Hence, problems faced by IT Enterprises and Re-commerce companies are studied and research was focused on those areas.

Huge potential in Enterprises and Re-commerce sectors is found and hence research was started on these sectors.

Findings and Analysis are based on Secondary research.

INFORMATION TECHNOLOGY ENTERPRISES

Expected market value – US \$18.18 billion by 2024

Expected CAGR – 7% between 2016 and 2024

3 things!!

- Retain
- Refurbish
- Recycle

KEY PERFORMANCE INDICATORS

PRODUCT SCOPE: Pervacio DataWipe

KPI I: Cyber Attack Resilience:

Enterprise's ability to recover from the cyber attack

KPI II: Data Breach cost:

Cost incurred as a result of data theft

<u>MEASUREMENT</u>

KPI I: Cyber Attack Resilience Cyber Resilience Review

- It is a no cost, voluntary, non-technical assessment
- o It is a structured one day facilitated session
- It consists of a total of 297 questions

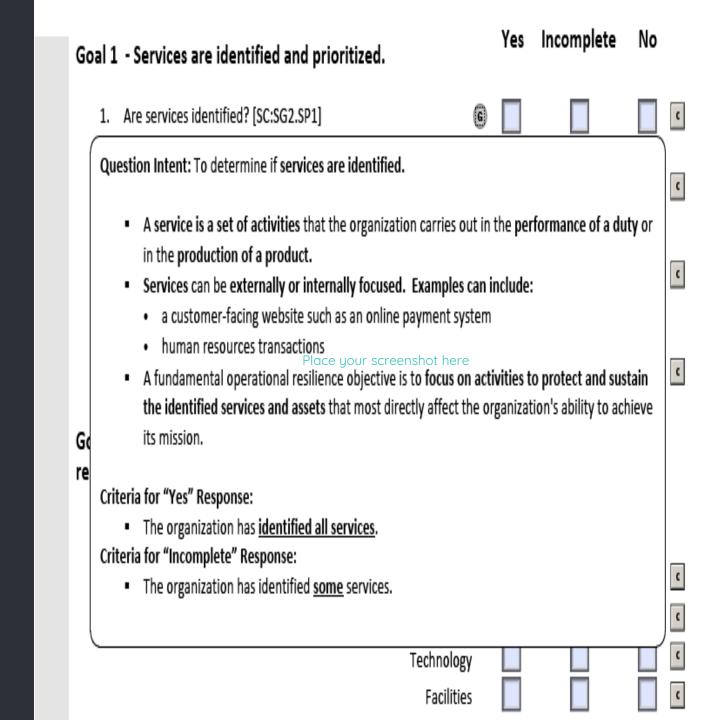
DOMAINS

- Asset Management
- Controls Management
- Configuration and Change Management
- Vulnerability Management
- Incident Management
- Service Continuity Management
- Risk Management
- External Dependencies Management
- Training and Awareness
- Situational Awareness

1 Asset Management

The purpose of Asset Management is to identify, document, and manage assets during their life cycle to ensure sustained productivity to support critical services.

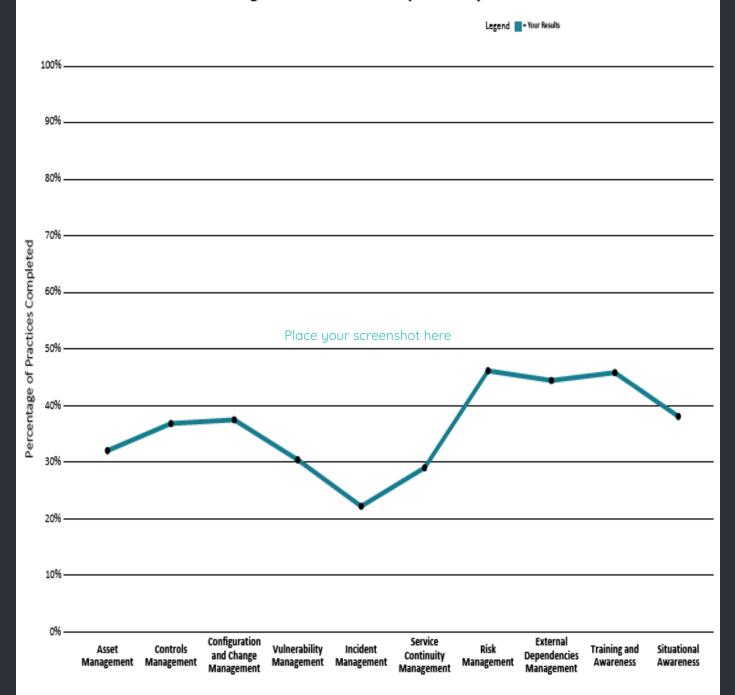
Goal 1 - Services are identified and prioritized.	Yes	Incomplete	No
Are services identified? [SC:SG2.SP1]			c
 Are services prioritized based on analysis of the potential impact if the services are disrupted? [SC:SG2.SP1] 			c
 Is the organization's mission, vision, values and purpose, including the organization's place in critical infrastructure, identified, and communicated? [EF:SG1.SP1] 			E
 Are the organization's mission, objectives, and activities prioritized? [EF:SG1.SP3] 			c
Goal 2 - Assets are inventoried, and the authority and responsibility for these assets is established. 1. Are the assets that directly support the critical service inventoried (technology includes hardware, software, and	Yes	Incomplete	No
external information systems)? [ADM:SG1.SP1] People			E
Information	Н		
Technology	Ħ		
Facilities			
Do asset descriptions include protection and sustainment requirements? [ADM:SG1.SP2]	_		
People	Н		
Information			= =
Technology	Н		
Facilities			c
 Are both owners and custodians of assets documented in asset (a) descriptions? [ADM:SG1.SP3] 	_	_	
People			
Information			c
Technology			c
Facilities			c



CRR Performance Summary



Percentage of Practices Completed by Domain



KPI II: Data Breach Cost

Cost incurred per record of data breach in Information Technology sector is \$145.

Calculation of Data Breach falls under two main categories.

- Short term
- Long term

<u>Direct costs</u>: Reputation cost, Detection, Escalation

<u>Indirect costs</u>: Days lost, Value lost, turnover of existing customers, loss of future customers

Days lost = Hrs spent away from normal work/No.of work hours per day
Value lost = (Days lost/Number of work days per year)*Average salary

Eventually, Pervacio should decrease Data breach Cost

RE-COMMERCE COMPANIES OR REFURBISHERS

Expected market value of used smart phones – US \$4billion by 2020

Main issue faced by them is Technology Obsolescence

Research on Budli

– Manual 40 tests

KEY PERFORMANCE INDICATORS

PRODUCT SCOPE: Pervacio Data diagnostics and Trade-in

KPI I: Inventory Write-off:

Devices that are no longer valuable and cannot be sold

KPI II: Inventory Write-down:

Devices whose value is depreciated but still can be sold for a marginal price

KPI III: Manufacturing Cycle Time:

Time interval between Receipt to Refurbishment

MEASUREMENT

KPI I&II: Inventory Write-off and Inventory Write-Down

Cycle counting

Counting at specified days.

If same level of inventory is maintained, Pervacio has seen success

KPI III: Manufacturing Cycle Time

Measurement by traditional methods

Pervacio should be able to decrease the Manufacturing cycle time

RETAILERS

KEY PERFORMANCE INDICATORS

KPI I: CSAT score:

Measures the satisfaction level of consumers

KPI II: Net Promoter Score(NPS):

Measures the willingness of a customer to recommend a product or a service

MEASUREMENT

PRODUCT SCOPE: Pervacio Diagnostics, Trade-in and Wipe

Responses can be collected from consumers using different forms of questionnaire.

KPI I: CSAT score:

(No.of.satisfied customers/No. of responses)*100

- Scale of 0-100 percent
- "Top-2-box" method

KPI II: Net Promoter Score (NPS):

NPS = % of promoters - % of Detractors

Pervacio should increase both CSAT and NPS score.

DASHBOARD

Key Performance Indicators can be represented in the form of an actionable dashboard for continuous monitoring

Either Bar chart, Pie chart, Gauge scale or any other appropriate graphical representation can be used

Enterprise Resource Planning (ERP) and Customer Relationship Management (CRM) tools are built around an Inventory Management Systems which help them to track the inventory data in their warehouse. This can also be integrated for inventory measurements.

Dashboards will help us in assorting information and data. We can appreciate this more when there is a multitude of data and information and when accuracy is our utmost importance.

RECOMMENDATIONS

NTF Savings Calculator

A tool to determine the cost needlessly incurred by OEM's and Retailers due to improper diagnosis and NTF returns processing

Estimate of total cost(Annual/Monthly) incurred as a result of improper diagnosis.

<u>INPUTS</u>

- The total number of retail locations run by the Mobile Network Operator or the Original Equipment Manufacturers
- The average number of mobile devices returned every month/year.
- The average cost incurred in processing each returned device.

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Thank You !!!

