



**Longbow Advantage, Inc.**

**Service Organization Controls 3**

**Trust Services Report for Service Organizations**

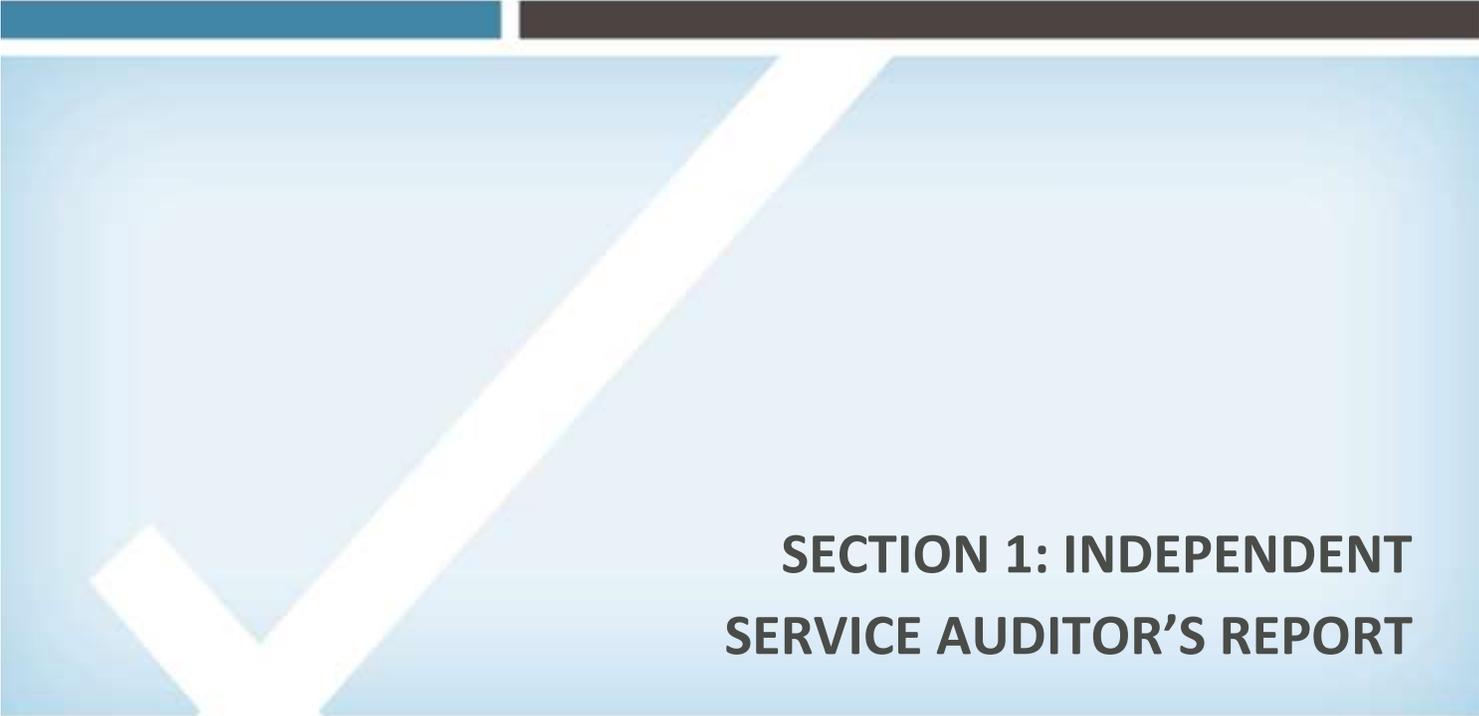
REPORT ON THE REBUS™ SUPPLY CHAIN ANALYTICS PLATFORM  
RELEVANT TO SECURITY, AVAILABILITY, CONFIDENTIALITY, PROCESS  
INTEGRITY, AND PRIVACY

For the Period December 1, 2016 – February 28, 2017



## TABLE OF CONTENTS

<b>SECTION 1: INDEPENDENT SERVICE AUDITOR’S REPORT</b>	<b>3</b>
INDEPENDENT SERVICE AUDITOR’S REPORT	4
<b>SECTION 2: LONGBOW ADVANTAGE, INC’S ASSERTION</b>	<b>6</b>
LONGBOW ADVANTAGE, INC.’S ASSERTION	7
<b>SECTION 3: DESCRIPTION OF LONGBOW’S REBUS™ SUPPLY CHAIN AND ANALYTICS PLATFORM</b>	<b>8</b>
DESCRIPTION OF LONGBOW’S REBUS™ SUPPLY CHAIN ANALYTICS PLATFORM	9
COMPANY OVERVIEW	9
PRODUCTS AND SERVICES OVERVIEW	9
SYSTEM DESCRIPTION	9



**SECTION 1: INDEPENDENT  
SERVICE AUDITOR'S REPORT**

## INDEPENDENT SERVICE AUDITOR'S REPORT

To the Management of Longbow Advantage, Inc.:

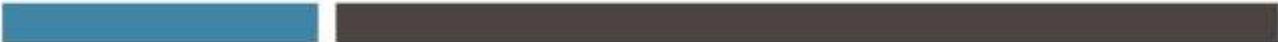
We have examined management's assertion that during the period from December 1, 2016 to February 28, 2017, Longbow Advantage, Inc. ("Longbow" or the "Company") maintained effective controls to provide reasonable assurance that the REBUS™ supply chain analytics platform (the "System"):

- was protected against unauthorized access, use or modification;
- was available for operation and use as committed or agreed;
- system processing is complete, valid, accurate, timely and authorized;
- information designated as confidential is protected as committed or agreed; and
- personal information is collected, used, retained, disclosed and destroyed in conformity with the commitments in the Company's privacy notice and with criteria set forth in generally accepted privacy principles (GAPP).

The assertion is based upon the criteria for security, availability, processing integrity, confidentiality and privacy set forth in the American Institute of Certified Public Accountants' TSP Section 100, Trust Services Principles and Criteria for Security, Availability, Processing Integrity, Confidentiality, and Privacy (applicable trust services criteria). This assertion is the responsibility of Longbow's management. Our responsibility is to express an opinion based on our examination.

Our examination was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants and, accordingly, included (1) obtaining an understanding of Longbow's relevant security, availability, confidentiality, processing integrity, and privacy controls, (2) testing and evaluating the operating effectiveness of the controls and (3) performing such other procedures as we considered necessary in the circumstances. We believe that our examination provides a reasonable basis for our opinion.

Because of the nature and inherent limitations in controls at a service organization, error or fraud may occur and may not prevent, or detect and correct, all errors or omissions in the REBUS™ supply chain analytics platform. Furthermore, the projection of any conclusions, based on our findings, to future periods is subject to the risk that the validity of such conclusions may be altered because of changes made to the systems or controls, the failure to make needed changes to the systems or controls or deterioration in the degree of effectiveness of the controls.



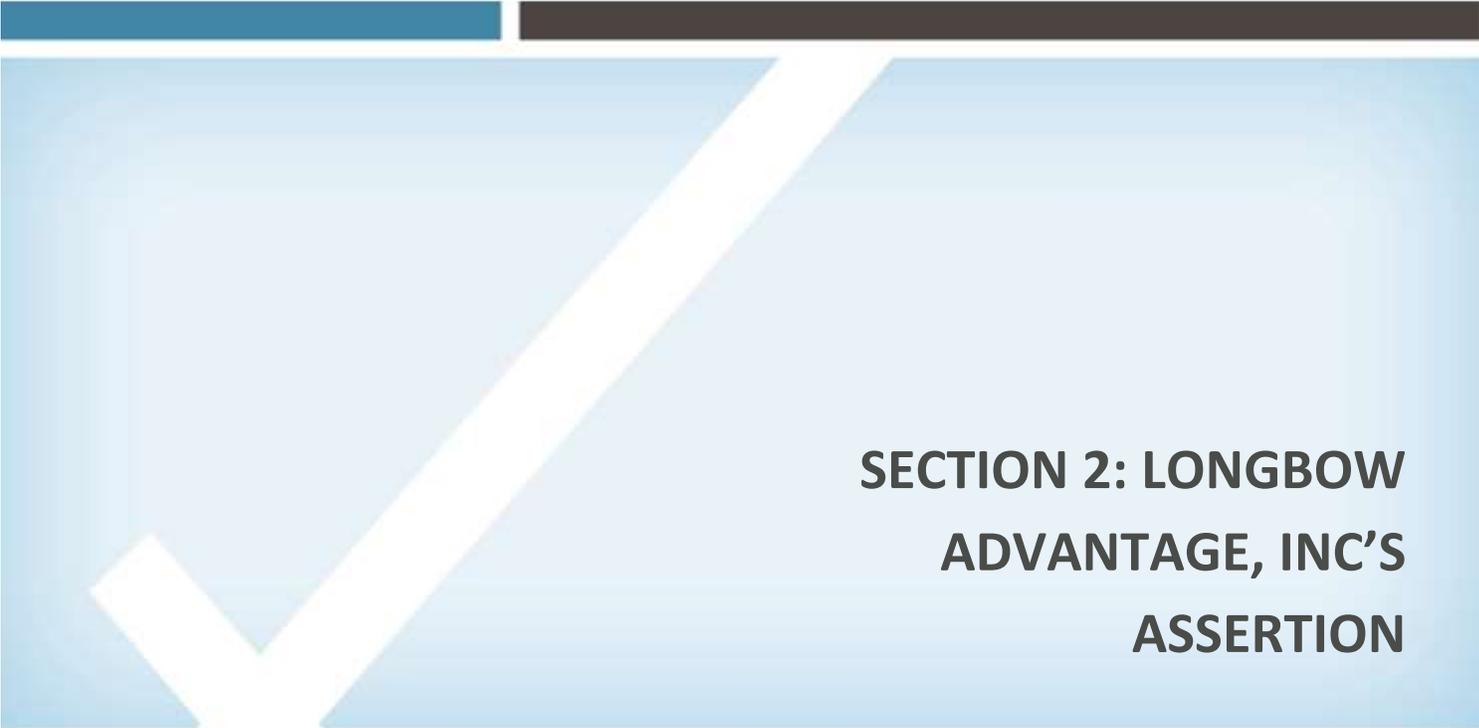
In our opinion, Longbow's management assertion referred to above is fairly stated, in all material respects, based on the AICPA Trust Services Security, Availability, Processing Integrity, Confidentiality, and Privacy criteria.



**Auditwerx, LLC, a Division of Carr, Riggs & Ingram Capital, LLC**

Tampa, Florida

May 5, 2017



**SECTION 2: LONGBOW  
ADVANTAGE, INC'S  
ASSERTION**

## Longbow Advantage, Inc.'s Assertion

We have prepared the description titled Description of Longbow Advantage, Inc.'s REBUS™ supply chain analytics platform (the "description") based on the criteria for a description of a service organization's system identified in paragraphs 1.26 and 1.27 of the AICPA Guide, Reporting on Controls at a Service Organization: Relevant to Security, Availability, Processing Integrity, Confidentiality, or Privacy (SOC 2®) (description criteria). The description is intended to provide users with information about the REBUS™ supply chain analytics platform, particularly system controls intended to meet the criteria for the security, availability, processing integrity, confidentiality and privacy principle(s) set forth in the American Institute of Certified Public Accountants; TSP Section 100, Trust Services Principles and Criteria for Security, Availability, Processing Integrity, Confidentiality, and Privacy (applicable trust services principles).

Longbow maintained effective controls over the security, availability, processing integrity, confidentiality and privacy of Longbow's REBUS™ Supply Chain Analytics Platform (the "System") to provide reasonable assurance that the System during the period from December 1, 2016 to February 28, 2017:

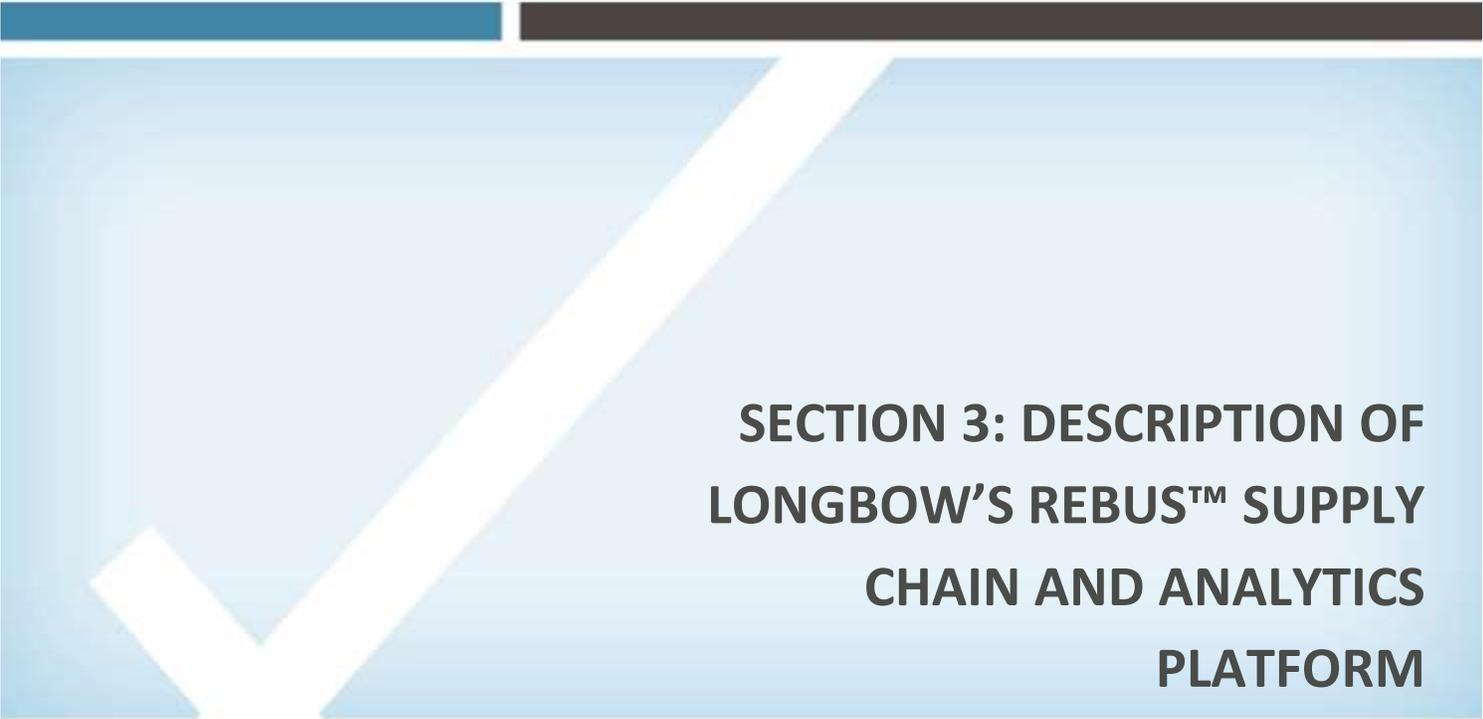
- was protected against unauthorized access, use or modification;
- was available for operation and use as committed or agreed;
- system processing is complete, valid, accurate, timely and authorized;
- information designated as confidential is protected as committed or agreed; and
- personal information is collected, used, retained, disclosed and destroyed in conformity with the commitments in the Company's privacy notice and with criteria set forth in generally accepted privacy principles (GAPP).

Our attached system description identifies the aspects of the System covered by our assertion.

By: /s/ Albert Furtado

Albert Furtado  
President & COO

May 5, 2017



**SECTION 3: DESCRIPTION OF  
LONGBOW'S REBUS™ SUPPLY  
CHAIN AND ANALYTICS  
PLATFORM**

## DESCRIPTION OF LONGBOW'S REBUS™ SUPPLY CHAIN ANALYTICS PLATFORM

### COMPANY OVERVIEW

Longbow Advantage Inc. ("Longbow" or the "Company") is a privately held company established in 2002. Longbow is a supply chain partner specializing in warehouse and workforce management implementations, upgrades and integrations for JDA and HighJump. Furthermore, Longbow also provides a SaaS for supply chain analytics called REBUS™. The Company is headquartered in Montreal, QC, Canada.

### PRODUCTS AND SERVICES OVERVIEW

Longbow's REBUS™ Analytics Platform operates as a SaaS solution offering user defined dashboards, customizable widgets, security settings, and providing real-time analytics. Automatically organizes big data into easy to digest charts, graphs, and grids that update in real-time to keep customers one step ahead while minimizing the time commitment from IT. REBUS™ partners collaborate with clients to ensure quick implementation, compatibility with any database and provide personalized training and support.

### SYSTEM DESCRIPTION

REBUS™ is a BIG DATA, SaaS platform that is designed to mine customers' data, store it in the cloud and make it available 24x7 for querying and visualization. This visualization of the overall operation status is in real – time and enables customers to maximize organizational performance with the information and make data-based decisions.

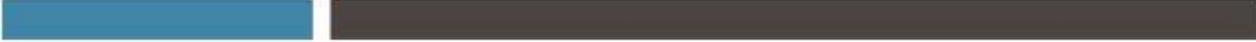
#### Infrastructure

The servers for REBUS™ are hosted by a third party. Networks are protected by firewalls, intrusion detection systems and antivirus. The firewall is within the Cloud environment and is managed by IT personnel. The Company operates separate production and test environments on separate servers which provide network segmentation. System availability and function is monitored 24/7, with dedicated operation analysts available to resolve all system events. Procedures are established to restore operations in the event of an availability or functional outage.

Formal internal control policies and procedures are in place to manage the infrastructure and administrative access is restricted to only authorized personnel.

#### Software

The platform, developed in-house and managed by Longbow, consists of various applications for both a secure frontend and a services oriented backend. The Company provides a variety of customizable widgets (tools) and applications.



Individual teams are established to maintain the application and corresponding databases, ensure that the services provided meets the Company's quality and security standards, and perform system upgrades after following the proper approval and review processes.

### **Data**

All employees and contractors of Longbow assigned to the REBUS™ team are obligated to respect and protect the privacy and confidentiality of data. All data at rest is stored on encrypted volumes. All data in transit is encrypted at two levels. Sensitive information is also encrypted prior to saving into the database. Likewise, the transfer of data between servers and clients in REBUS™ are through Secure Socket. All data, electronic and hard copy, is disposed of in accordance with data disposal policies.

Administrative access to data is limited to authorized personnel in accordance with the information security and classification policies. User access rights are reviewed regularly to ensure compliance with policies.

### **People**

The Company employs dedicated team members to handle all REBUS™ major product functions including development, operations, and support. Information technology teams are responsible for the maintenance, quality, and updates to the systems. The Company utilizes the monitoring tool and provides alert notifications to management for the handling of incidents.

### **Procedures**

Longbow has documented policies and procedures that support the management, operations, monitoring and controls over the REBUS™ platform. These policies are established by management, communicated to the appropriate groups and routinely reviewed.