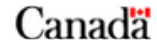




Foreign Affairs and International Trade Canada

Affaires étrangères et Commerce international Canada



EXCOL

<http://www.international.gc.ca/international/index.aspx>

[Français](#)

[Home](#)

[Contact Us](#)

[Help](#)

[Search](#)

[canada.gc.ca](#)

Quick Search

Ref. Id:

Permit/Cert No.:

Andre Brisson - WHITENOISE LABORATORIES INC.

Export Permit - Other Controlled Goods

Ref. Id: **645001-1**
Status: **Issued**

EXCOL Menu

- [My Applications](#)
- [My Permits & Certificates](#)
- [Logout](#)
- My Reporting**
- Conditions**
- [Overdue Reports](#)
- [All Reports](#)
- Apply for...**
- [Export Permit](#)
- [Other Controlled Goods](#)
- [Export Permit - Firearms](#)
- [B.C. Logs](#)
- [Non B.C. Logs and Woodchips](#)
- [Advisory Opinion](#)
- [International Import Certificate](#)
- [Delivery Verification Certificate](#)
- [Application to Advertise B.C. Logs](#)
- [Application to Advertise B.C. Logs Upload](#)
- Search for...**
- [Search EXCOL Object](#)
- [Search Documents](#)
- References**
- [Export & Import Controls](#)
- [ECL](#)

General

Ref. Id: 645001-1

Status: Issued

Country of Final Destination: Multiple Destinations

Overall Description of Goods & End-Use:

Whitenoise is a key based, cryptographic technology. It is a deterministic, random-number generator that creates symmetric key streams that are easily 250,000 bit in strength and 10 to the 60th power bytes in length. They are deployed in dynamic distributed key architectures where both the end point and the server have a copy of the key structure and where users (endpoints) are pre-authenticated and the keys pre-distributed using ISO Identity Proofing Level 1-4 depending on the security required. These unique keys are able to provide all network security capabilities including identity management, secure network access, dynamic and continuous authentication, inherent intrusion detection, automatic revocation, authorizations, digital rights management, signatures, identity based encryption and repudiation depending on how they are used. All Whitenoise Laboratories (Canada) Inc. products incorporate and exploit these keys. When these keys are used to encrypt data they do so using a secure X/OR process which is an order 1 process and the fastest function on a computer. This means it has extremely low overhead and is very fast. The architecture deployed requires that both the server and the endpoint have a copy of an account key structure. The modules exploiting whitenoise keys that reside on the client (endpoint) side range from approximately 20k to 100k in size and are automatically installed after registration or enrollment of the device or person. The server side authentication software contains a larger application that includes a database for the tracking of keys and dynamic offsets, logging capacity, and key creation, key distribution (by a system administrator or on-line enrollment) and key management.

Items:

1. Secure File Interchange 2.0 Product ID # SFI -ENTERPRISE (a secure network file exchange program with identity management) Method of transfer: pre-installed software a computer or intangible transfer via dedicated server
2. Secure Session Manager 2.0 Product ID# SSM-LOGIN-DIVA (a secure network access program with identity management) Method of transfer: pre-installed software on a computer or intangible transfer via dedicated server or implemented through a software developer api.
3. Whitenoise Hard Disk Drive Encryption 2.0 Product ID#

GEP

Proactive Disclosure

HDCRYPT1 (a secure hard disk drive program with identity management to uniquely store data in an encrypted state in virtual drives and containers inherently.) Method of transfer: pre-installed software on a computer or intangible transfer via dedicated server or implemented through a software developer api.

4. Secure Credit and Identity Card DIVA 2.0 Product ID# CreditCardDiva (a method of implementing the security DIVA into id card and payment processing.) Method of transfer: pre-installed software on a computer or intangible transfer via dedicated server or implemented through a software developer api.

5. Software Developer Kit 2.0 Whitenoise and DIVA Product ID# SDK-DIVA-SSM-WN (a method of implement security modules by api by third party developers. This software will implement Whitenoise, DIVA, streaming modules, tunneling models, email modules and browser modules and other security implementation.)

Application Dates**Submit Date:** 2011/06/22**Issue Date:** 2011/07/08**Expiry Date:** 2015/12/31**Applicant****EIPA No.:** 170154**GST No.:** 884302209**Name:** WHITENOISE LABORATORIES INC.**Address:** 701-1736 W. 10th AVE, VANCOUVER, Canada**Exporter****EIPA No.:** 170154**GST No.:** 884302209**Name:** WHITENOISE LABORATORIES INC.**Address:** 701-1736 W. 10th AVE, VANCOUVER, Canada

Date Modified: 2011-05-26


[Top of Page](#)[Important Notices](#)