

---

# IUID Registry

API Overview

Query Volume

MOAs/Service Agreements

# Application Program Interface (API)



Several APIs are in place to automate system-to-system querying of the IUID Registry

- **UII Verification**
- **UII Retrieval from Elements**
- **UII Validation**
- **Elements Retrieval from UII**
- **UII Retrieval from Marks (NEW in 3.4.2)**
- **APIs listed above are open to the public**

IUID API SUM – The Software User Manual can be downloaded from

[http://www.bpn.gov/iuidapi2/IUID\\_Reg\\_API\\_Guide\\_SUM.doc](http://www.bpn.gov/iuidapi2/IUID_Reg_API_Guide_SUM.doc)

# APIs for release with v4.0

---

- Warranty (Public)
  - Pass in 1 or more UIIs and receive back warranty indicators with their associated dates, instruments and events for each UII passed in. Secured APIs – Available only to users/systems with a user account.
- General Purpose API (Secured)
  - Will need to pass in a user name and password to be able to access.
  - Customizable query tool – Pass in 1 or more UIIs and select which pieces of data to return.
  - Components that can be selected to be returned include: Contract, Pedigree, Mark, Part Number, Custody, Embedded, Life Cycle, UID and Entry info.

# IUID Query Volume

---

(by hits on query pages)

- Yearly- 150,526 (Oct 2007 – Oct 2008)
- Monthly Average- 12,543
- Weekly Average - 2,894
  
- Includes the following Queries:
  - Marks Query
  - Contract Query
  - Pedigree Query
  - Part Number Query
  - Single Item Query
  - Composition Query
  - GFP Custody Queries

# Registry MOAs in Place

---

- Signed:
  - Army Aviation- AMCOM MCDS; 6 M items
  - DPAS
  - CAMS-ME; 1 M items
  - AIRRS-NVR; 100K items
  - DMLSS; 1M items
- Expected in Early 2009
  - LOGSA; Pilot Program; 30-40 M items