

# VDAS – Virtual Data Analysis System

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SNA International

# Presentation Outline

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- What is VDAS?
  - VDAS features?
  - A quick look at VDAS
  - Why will VDAS make you
    - faster
    - more efficient
    - improve quality
  - VDAS installation and support
  - Summary
-

# What is VDAS?

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- Virtual Data Analysis System
    - Originated in Louisiana to meet demands of databasing legislation where reviewers were geographically dispersed and multiple vendors were used
    - Web based computer program permitting direct posting, download and tracking of DNA data
    - Facilitates fast, efficient, controlled data access with documentation and support
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# VDAS features

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- Developed by end-users to meet growing demands of data review
  - Proven track record (passed audit inspections in Louisiana)
  - Documentation control
  - Electronic transfer of data
  - All access to data is controlled and actions taken by staff automatically documented/recorded
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# VDAS features

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- Monitors turn-around times and sets action complete dates
  - Email notification to end users
  - Hot line support included
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# VDAS features

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- Web hosting permits instantaneous assignment and quick downloads from anywhere – anywhere anytime management
  - Connection to clients permits controlled direct paperless access to files and reports
  - Distribution of case and/or CODIS files on and off site
  - Password protected
  - Comments and email enabled
  - Manage procedures and documents online
-

# Secure Access

LASPYDAS :: Login - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

https://www.laspydas.org/laspydas/logout.do

Google My Excite My Yahoo! washingtonpost Welcome to Comcas... Windows Media Windows Yahoo! Mail Yahoo!

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TROOPER  
LOUISIANA STATE POLICE

Login

### Louisiana State Police :: Virtual DNA Analysis System



Virtual DNA Analysis System Login

User:

Password:

Done

www.laspydas.org Adblock

# □ Supervisor summary screens

**Louisiana State Police :: Virtual DNA Analysis System**  
**Coordinator - Vendor Data Package Summary**

**Vendor: Myriad Genetics**

**Grand Totals**

	# Packages	# Samples
Uploaded	8	1820
In Progress	2	480
Accepted	96	25343
Rejected	1	2
Deleted	1	249
<b>Total</b>	<b>107</b>	<b>27645</b>

**Contract: Arrestees**

	# Packages	# Samples
<b>Total</b>	<b>0</b>	<b>0</b>

**Contract: Offenders**

	# Packages	# Samples
<a href="#">In Progress</a>	2	480
<a href="#">Accepted</a>	96	25343
<a href="#">Rejected</a>	1	2
<a href="#">Deleted</a>	1	249
<b>Total</b>	<b>99</b>	<b>25825</b>

Done | www.laspvdas.org | Adblock

# □ Data package log with comments

**Louisiana State Police :: Virtual DNA Analysis System**  
**Data Package Log**

**Package Information**

<b>Vendor</b>	Myriad Genetics
<b>Package Id</b>	106
<b>Contract</b>	Offenders
<b>File Name</b>	LA03_SAMPLE_2004_08_04_1357.zip
<b>File Size</b>	47,298 KB
<b>Number Samples</b>	243

**Status History**

Status	User	Started	Completed	Due
CODIS Imported	jvaidyanathan	09-20-2004	09-20-2004	N/A
CODIS Ready	jvaidyanathan	09-07-2004	09-20-2004	09-08-2004
Accepted	amontgomery	09-06-2004	09-07-2004	09-08-2004
Under Review	amontgomery	08-30-2004	09-06-2004	09-08-2004
Assigned	amontgomery	08-25-2004	08-30-2004	09-08-2004
Un-Assigned	jryan	08-25-2004	08-25-2004	N/A

**Comments**

Date	User	Comment
		Gel Control Issues ABIGelFile SND Plate Box Issue Resolution 00028024 CO0007745-SND CO0001709-BOX Low 11 peak in D7 lane 44 ladder Passed on other two ladders. 00028021 CO0007746-SND CO0001709-BOX low level ladder bleedover in positive PCR Passed on MQC

Done www.lasvdas.org Adblock

# File summary at a glance

The screenshot shows a Mozilla Firefox browser window displaying a web page titled "LASPYDAS :: Coordinator - Vendor Data Package Summary". The address bar shows the URL: <https://www.laspydas.org/laspydas/viewvendor.do#Offenders-In%20Progress>. The page content is divided into two sections: "In Progress" and "Accepted".

**In Progress**

Vendor	Contract	ID	Name	Samples	Started
Myriad Genetics	Offenders	134	<a href="#">LA03_Sample_2004_11_22_1615.zip</a>	235	11-26-2004
Myriad Genetics	Offenders	133	<a href="#">LA03_SAMPLE_2004_11_22_1147.zip</a>	245	11-26-2004

**Accepted**

Vendor	Contract	ID	Name	Samples	Completed
Myriad Genetics	Offenders	111	<a href="#">LA03_SAMPLE_2004_10_21_1734_1.zip</a>	244	11-24-2004
Myriad Genetics	Offenders	110	<a href="#">LA03_SAMPLE_2004_10_19_0827_1.zip</a>	242	11-24-2004
Myriad Genetics	Offenders	109	<a href="#">LA03_SAMPLE_2004_10_29_1020.zip</a>	204	11-24-2004
Myriad Genetics	Offenders	108	<a href="#">LANIJ_SAMPLE_2004_10_01_1659_1.zip</a>	231	11-24-2004
Myriad Genetics	Offenders	107	<a href="#">LANIJ_SAMPLE_2004_10_01_1638_1.zip</a>	212	10-21-2004
Myriad Genetics	Offenders	106	<a href="#">LA03_SAMPLE_2004_08_04_1357.zip</a>	243	09-20-2004
Myriad Genetics	Offenders	102	<a href="#">LA03_SAMPLE_2004_07_29_1608.zip</a>	238	11-03-2004
Myriad Genetics	Offenders	101	<a href="#">LA03_SAMPLE_2004_07_08_2159.zip</a>	240	08-12-2004
Myriad Genetics	Offenders	100	<a href="#">LA03_SAMPLE_2004_06_28_1515.zip</a>	240	08-12-2004
Myriad Genetics	Offenders	99	<a href="#">LA03_SAMPLE_2004_06_28_1503.zip</a>	249	10-21-2004
Myriad Genetics	Offenders	98	<a href="#">LA03_SAMPLE_2004_06_28_1421.zip</a>	249	08-18-2004
Myriad Genetics	Offenders	97	<a href="#">LA03_Sample_2004_06_27_1947.zip</a>	247	08-12-2004
Myriad Genetics	Offenders	96	<a href="#">LA03_Sample_2004_06_15_1342.zip</a>	236	08-12-2004
Myriad Genetics	Offenders	95	<a href="#">LA03_Sample_2004_06_15_1526.zip</a>	229	07-16-2004
Myriad Genetics	Offenders	94	<a href="#">LA03_Sample_2004_06_15_1316.zip</a>	224	07-06-2004
Myriad Genetics	Offenders	93	<a href="#">LA03_Sample_2004_16_15_1252.zip</a>	216	08-18-2004
Myriad Genetics	Offenders	92	<a href="#">LA03_Sample_2004_05_28_1626.zip</a>	226	07-16-2004
Myriad Genetics	Offenders	91	<a href="#">LA03_Sample_2004_05_28_1548.zip</a>	216	11-03-2004
Myriad Genetics	Offenders	90	<a href="#">LA03_Sample_2004_05_28_1512.zip</a>	234	07-16-2004

The browser status bar at the bottom shows "Done" on the left, "www.laspydas.org" in the center, and "Adblock" on the right.

# □ Designate data for upload

The screenshot shows a web browser window titled "LASPYDAS :: Data Package Upload - Mozilla Firefox". The address bar contains the URL "http://guinness.tgdbinc.com:8090/vdasWeb/dataPackageUploadPage.do". The browser's menu bar includes File, Edit, View, Go, Bookmarks, Tools, and Help. The toolbar shows navigation buttons (back, forward, refresh, home) and a search engine icon. The page header features the Louisiana State Police logo and the motto "COURTESY • LOYALTY • SERVICE". The main content area is titled "Louisiana State Police :: Virtual DNA Analysis System Vendor Access - Data Package Upload". It contains a form with the following fields:

- Data Package:** A text input field with a "Browse..." button to its right.
- Contract:** A dropdown menu currently showing "Select Contract".
- Comments:** A dropdown menu currently showing "Select Contract", with a list of options: "Arrestees" and "Offenders".

Below the form is a large empty text area. At the bottom of the form are "Upload" and "Reset" buttons. The browser's status bar at the bottom shows "Done" on the left and "Adblock" on the right.

# □ View data for assignment

The screenshot shows a Mozilla Firefox browser window displaying the Louisiana State Police Virtual DNA Analysis System Coordinator. The browser's address bar shows the URL <https://www.laspvdas.org/laspvdas/worklist.do>. The page features a header with the Louisiana State Police logo and the motto "COURTESY • LOYALTY • SERVICE". A left sidebar contains navigation links: My Worklist, Sample Search, My Info, Instructions, Contacts, and Logout. The main content area is titled "Louisiana State Police :: Virtual DNA Analysis System Coordinator" and includes the following options:

- View Packages by Vendor: Myriad Genetics (dropdown) [View]
- View Packages by Contract Analyst: Analyst Test (dropdown) [View]
- Assign / UnAssign / Delete Data Packages: [Manage Data Packages]

The browser's status bar at the bottom shows "Done" on the left, the address [www.laspvdas.org](http://www.laspvdas.org) in the center, and an "Adblock" extension icon on the right.

# Assign data

The screenshot shows a web browser window titled "LASPYDAS :: Coordinator - Data Package Summary - Mozilla Firefox". The address bar shows the URL "https://www.laspydas.org/laspydas/coordManage.do". The page header features the Louisiana State Police logo and the motto "COURTESY • LOYALTY • SERVICE". The main content area is titled "Louisiana State Police :: Virtual DNA Analysis System Coordinator - Data Package Summary" and "Package Summaries". A sidebar on the left contains navigation links: My Worklist, Sample Search, My Info, Instructions, Contacts, and Logout. The main content displays a table of "Un-Assigned" data packages. Each row includes a "Delete" button, the Vendor name, Contract type, ID, Name (with a blue link), Samples count, Date, and an "Assign" button.

	Vendor	Contract	ID	Name	Samples	Date	
Delete	Reliagene	Arrestees	131	<a href="#">DP_301203-01.zip</a>	216	11-22-2004	Assign
Delete	Reliagene	Arrestees	129	<a href="#">DP_301218-01.zip</a>	214	11-22-2004	Assign
Delete	Myriad Genetics	Arrestee	128	<a href="#">LAA04_SAMPLE_2004_11_19_1720_1.zip</a>	233	11-22-2004	Assign
Delete	Myriad Genetics	Arrestee	127	<a href="#">LAA04_SAMPLE_2004_11_19_1836_1.zip</a>	245	11-22-2004	Assign
Delete	Myriad Genetics	Arrestee	126	<a href="#">LAA04_SAMPLE_2004_11_20_1239_1.zip</a>	232	11-22-2004	Assign
Delete	Myriad Genetics	Arrestee	125	<a href="#">LAA04_SAMPLE_2004_11_19_1750_1.zip</a>	219	11-22-2004	Assign
Delete	Myriad Genetics	Arrestee	124	<a href="#">LAA04_SAMPLE_2004_11_20_1258_1.zip</a>	241	11-22-2004	Assign
Delete	Myriad Genetics	Arrestee	123	<a href="#">LAA04_SAMPLE_2004_11_20_1411_1.zip</a>	167	11-22-2004	Assign
Delete	Myriad Genetics	Arrestee	122	<a href="#">LAA04_SAMPLE_2004_11_20_1428_1.zip</a>	240	11-22-2004	Assign
Delete	Myriad Genetics	Arrestee	121	<a href="#">LAA04_SAMPLE_2004_11_20_1444_1.zip</a>	243	11-22-2004	Assign
Delete	Reliagene	Arrestees	120	<a href="#">DP_301148-01.zip</a>	233	11-19-2004	Assign

# Assign data for review or dissemination

LASPVAS :: Coordinator - Assign / Re-Assign Package - Windows Internet Explorer

https://www2.dps.state.la.us/vdasWeb/assignContractAnalystPage.do?action=assign&dataPackage

LASPVAS :: Coordinator - Assign / Re-Assign Package

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**LOUISIANA STATE POLICE**  
VIRTUAL DNA ANALYSIS SYSTEM  
Coordinator - Assign / Re-Assign Package

\* = Required Field

Vendor	Contract	ID	Name	Assign to	Due
Bode Technology Group	Arrestees	1002	LA070321.zip	Select Analyst Select Analyst Golden, Julie Hughes, Deedra Valentine, Jennifer Schroeder, Jennifer Montgomery, Anne Wickenheiser, Ray Wojtkiewicz, Pat Dukes, Mary	* (yyyy-MM-dd)

Assign Package for [ ]

Status

Analyst	Assigned		Under Review		Reassigned		Completed		Totals	
	Samples	Packages	Samples	Packages	Samples	Packages	Samples	Packages	Samples	Packages
Dukes, Mary	1329	5	270	1	0	0	23153	105	24752	111
Golden, Julie	0	0	0	0	0	0	27595	121	27595	121
Hughes, Deedra	0	0	1902	8	0	0	25770	114	27672	122
Montgomery, Anne	0	0	1736	7	0	0	35769	166	37505	173
Schroeder, Jennifer	0	0	0	0	0	0	11286	46	11286	46
Valentine, Jennifer	0	0	782	3	0	0	8116	35	8898	38

Internet 100%

start 6 Microsoft Office O... LASPVAS :: Coordin... Norton 7:26 PM Wednesday 4/11/2007

# □ Accept, reject, comment on data

The screenshot shows a web browser window with the following elements:

- Browser Title:** LASPYDAS :: Coordinator - Contract Analyst Data Package Summary - Mozilla Firefox
- Address Bar:** https://www.laspvdas.org/laspvdas/viewanalyst.do
- Page Header:** LOUISIANA STATE POLICE COURTESY • LOYALTY • SERVICE
- Left Navigation Menu:**
  - My Worklist
  - Sample Search
  - My Info
  - Instructions
  - Contacts
  - Logout
- Main Content Area:**
  - Section:** Louisiana State Police :: Virtual DNA Analysis System Coordinator - Contract Analyst Data Package Summary
  - Contract Analyst:** Montgomery, Anne
  - Grand Totals Table:**

	# Packages	# Samples
<a href="#">Accepted</a>	31	7786
<a href="#">Rejected</a>	1	2
<b>Total</b>	32	7788
  - Package Summaries Table:**

Accepted						
Vendor	Contract	ID	Name	Samples	Completed	
Myriad Genetics	Offenders	107	<a href="#">LANIJ_SAMPLE_2004_10_01_1638_1.zip</a>	212	10-20-2004	
Myriad Genetics	Offenders	106	<a href="#">LA03_SAMPLE_2004_08_04_1357.zip</a>	243	09-07-2004	
Myriad Genetics	Offenders	98	<a href="#">LA03_SAMPLE_2004_06_28_1421.zip</a>	249	08-18-2004	
Myriad Genetics	Offenders	97	<a href="#">LA03_Sample_2004_06_27_1947.zip</a>	247	07-19-2004	
Myriad Genetics	Offenders	95	<a href="#">LA03_Sample_2004_06_15_1526.zip</a>	229	07-12-2004	
Myriad Genetics	Offenders	94	<a href="#">LA03_Sample_2004_06_15_1316.zip</a>	224	06-30-2004	
Myriad Genetics	Offenders	91	<a href="#">LA03_Sample_2004_05_28_1548.zip</a>	216	07-14-2004	
Myriad Genetics	Offenders	88	<a href="#">LA03_SAMPLE_2004_05_28_1449.zip</a>	234	06-30-2004	

# Download data files

The screenshot shows a Mozilla Firefox browser window displaying the LASPVDAS website. The address bar shows the URL <https://www.laspvdas.org/laspvdas/worklist.do>. The page title is "LASPVDAS :: LASP Analyst - Data Package Summary". The main content area is titled "Package Summaries" and is divided into two sections: "Accepted" and "CODIS Ready".

**Accepted**

Vendor	Contract	ID	Name	Samples	Date	
Myriad Genetics	Offenders	42	<a href="#">LA_Sample_2003_04_30_1004.zip</a>	496	05-06-2004	Download
Myriad Genetics	Offenders	41	<a href="#">LA_Sample_2003_04_22_0843.zip</a>	496	05-04-2004	Download
Myriad Genetics	Offenders	40	<a href="#">LA_Sample_2003_03_31_1439.zip</a>	496	05-04-2004	Download
Myriad Genetics	Offenders	39	<a href="#">LA_Sample_2003_03_31_0920.zip</a>	497	05-04-2004	Download
Myriad Genetics	Offenders	34	<a href="#">LA_Sample_2003_03_26_1446.zip</a>	248	05-04-2004	Download
Myriad Genetics	Offenders	31	<a href="#">LA_Sample_2003_03_21_1210.zip</a>	248	05-04-2004	Download
Myriad Genetics	Offenders	30	<a href="#">LA_Sample_2003_03_21_0953.zip</a>	248	05-04-2004	Download
Myriad Genetics	Offenders	28	<a href="#">LA_Sample_2003_03_14_0816.zip</a>	249	05-04-2004	Download
Myriad Genetics	Offenders	26	<a href="#">LA_Sample_2003_03_13_1115.zip</a>	246	05-04-2004	Download
Myriad Genetics	Offenders	25	<a href="#">LA_Sample_2003_03_12_1607.zip</a>	247	05-04-2004	Download

**CODIS Ready**

Vendor	Contract	ID	Name	Samples	Date	
Myriad Genetics	Offenders	44	<a href="#">LA_Sample_2003_06_30_1351.zip</a>	246	11-29-2004	Set Status

The browser's status bar at the bottom shows "Done" on the left, the address bar with "www.laspvdas.org" in the middle, and "Adblock" on the right.

# □ Update data file status

LASPVAS :: LASP Analyst - Update Package Status - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

https://www.laspvdas.org/laspvdas/laspchangeage.do?id=44

Google My Excite My Yahoo! washingtonpost Welcome to Comcas... Windows Media Windows Yahoo! Mail Yahoo!

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Louisiana State Police :: Virtual DNA Analysis System  
LASP Analyst - Update Package Status

Vendor	Contract	ID	Name	# Samples	Status
Myriad Genetics	Offenders	44	<a href="#">LA_Sample_2003_06_30_1351.zip</a>	246	Choose Status

Update

Choose Status  
Imported  
Failed

Done www.laspvdas.org Adblock

# □ Training and instructions

The screenshot shows a Mozilla Firefox browser window with the following elements:

- Browser Title Bar:** LASPVDAS :: Instructions - Mozilla Firefox
- Menu Bar:** File, Edit, View, Go, Bookmarks, Tools, Help
- Address Bar:** <https://www.laspvdas.org/laspvdas/docs.do>
- Search Bar:** Go
- Bookmarks Bar:** Google, My Excite, My Yahoo!, washingtonpost, Welcome to Comcas..., Windows Media, Windows, Yahoo! Mail, Yahoo!
- Header:** LOUISIANA STATE POLICE (with logo and text: COURTESY • LOYALTY • SERVICE)
- Left Navigation Menu:**
  - ▶ My Worklist
  - ▶ Sample Search
  - ▶ My Info
  - ▶ Instructions
  - ▶ Contacts
  - ▶ Logout
- Main Content Area:**
  - Louisiana State Police :: Virtual DNA Analysis System Instructions**
  - Documents and Instructions**
  - [STR Data Review](#)
  - [Instructions for Reviewing Myriad Data Packages](#)
  - [System Workflow Flowchart](#)
- Status Bar:** [https://www.laspvdas.org/laspvdas/docs/str\\_inst\\_1030.pdf](https://www.laspvdas.org/laspvdas/docs/str_inst_1030.pdf) | www.laspvdas.org | Adblock

# □ Sample search capability

The screenshot shows a Mozilla Firefox browser window with the following elements:

- Browser Title Bar:** LASPVDAS :: Sample Search - Mozilla Firefox
- Menu Bar:** File Edit View Go Bookmarks Tools Help
- Address Bar:** <https://www.laspvdas.org/laspvdas/searchpage.do>
- Search Bar:** A search engine icon (Google) and a search input field.
- Navigation Bar:** Links for Google, My Excite, My Yahoo!, washingtonpost, Welcome to Comcas..., Windows Media, Windows, Yahoo! Mail, and Yahoo!.
- Header:** Louisiana State Police logo with the motto "COURTESY • LOYALTY • SERVICE" and a "PROOPER" badge.
- Left Navigation Menu:**
  - ▶ My Worklist
  - ▶ Sample Search
  - ▶ My Info
  - ▶ Instructions
  - ▶ Contacts
  - ▶ Logout
- Main Content Area:**

Louisiana State Police :: Virtual DNA Analysis System  
Sample Search

Sample Name:
- Footer:** Done | www.laspvdas.org | Adblock

# VDAS is faster

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- ❑ Electronic posting permits immediate access to files without printouts
  - ❑ Files assigned and distributed in real time downloaded immediately
  - ❑ Web based permits access anywhere, eliminating travel, mail and courier
  - ❑ Remote access permits access to files anywhere DSL is available
-

# VDAS is more efficient

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- ❑ Electronic posting means less or no paper
  - ❑ Installation of turn-key system with 24/7 support means quick implementation and no down time
  - ❑ Seamless communication prevents misunderstanding and files sitting out of queue
  - ❑ Files distributed and tracking permits monitoring and follow-up
  - ❑ Procedures are accessed and monitored centrally
-

# VDAS improves quality

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- ❑ Accepted (successfully implemented and audited in Louisiana)
  - ❑ Documentation and tracking
  - ❑ Secure controlled access
-

# VDAS installation and support

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- Computer specifications provided for user hosted server
  - On-site installation of software
  - On-site training
  - Hot line support
  - Ongoing version upgrades
-

# Summary

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- Virtual Data Analysis System
    - Faster
    - More efficient
    - Improved quality
    - Seamless installation and support
-