

Decisive Analytics Corporation

Video and Imaging Division
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DAC Overview

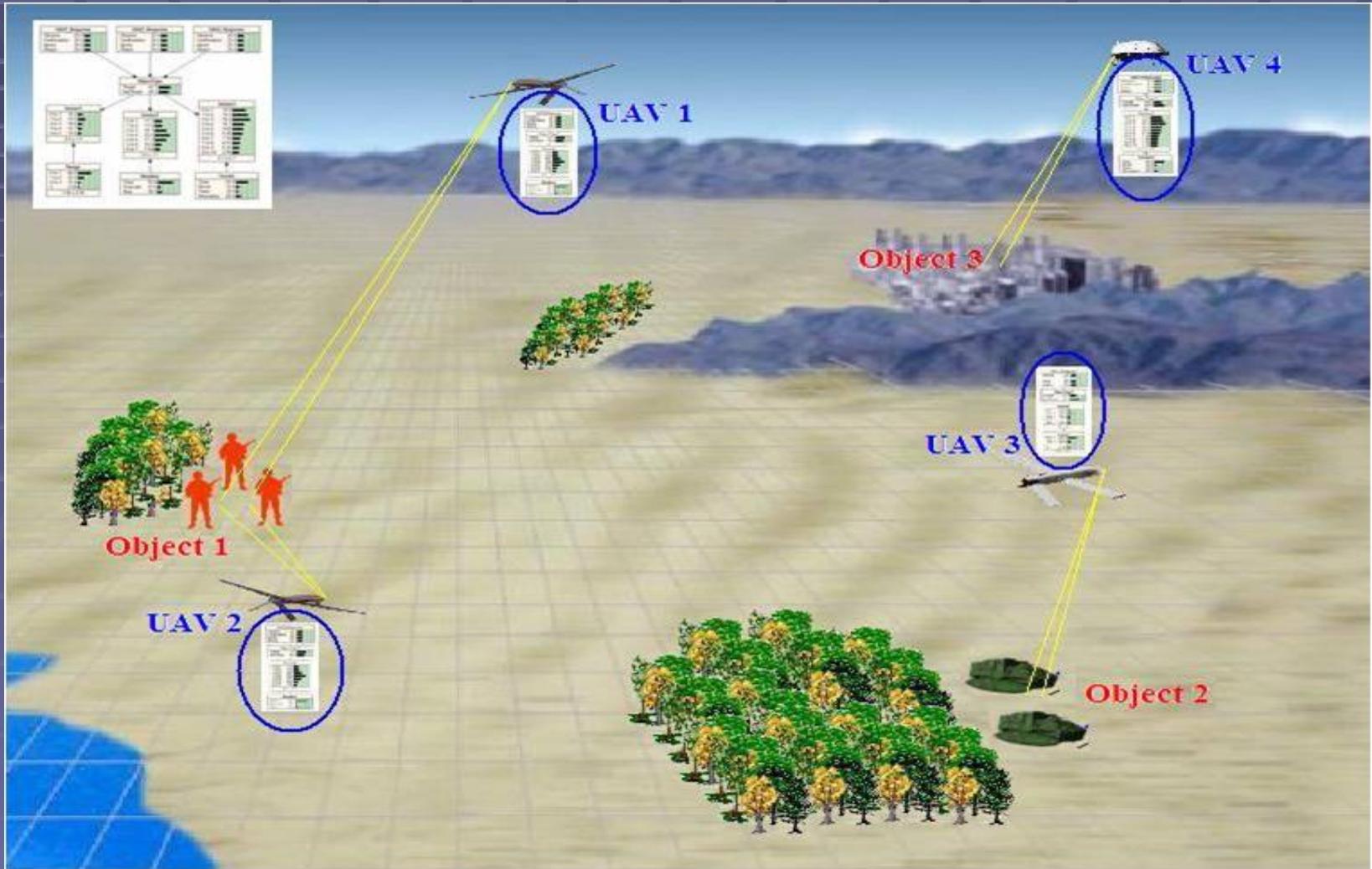
■ DAC

- Systems engineering
- Founded 1996
- Headquartered in Arlington, VA
- Branches in CO, MD, AL, IN, PA
- 160 employees
- \$35 million in revenue

■ VID

- Video management
- Image management
- Founded 1980, acquired by DAC 2005
- Located in Sellersburg, IN
- 18 employees
- \$4 million in revenue

What DAC Does



What VID Does

Video Asset Management Systems

OSC Video Services Division - Windows Internet Explorer

http://cluster.dac-ind.com/Search/BasicSearcher.aspx

File Edit View Favorites Tools Help

hp Y! Search Web Upgrade your Toolbar Now! Mail My Yahoo! HotJobs Games Music Answers

Search web... Shared Documents OSC Vid

mainship™
By Decisive Analytics Corporation

Home | User Profile | Hot Clips | Send Us Feedback

Search

New Search | Revis

Results 1 to 6 of 14

<< Previous First

Play Clip Play A Order

Title: CNN 24/7
Program: CNN H
ProgramID: 163
StartTime: 09:3
Date: 02/01/200
Duration: 26m 8
Language: Engl
Status: Online
Central : None
...

Play Clip Play A Order

Title: CNN 24/7
Program: CNN H
ProgramID: 163
StartTime: 12:0
Date: 02/01/200

Rich Media Player - Windows Internet Explorer

http://cluster.dac-ind.com/Search/player/render.aspx?segid=31f57560-1769-425c-b442-16bb8744ccfb&tapeid=5a628618-ff84-41be-a9fc-968e

VIDEO SERVER

Open Source Center

Hot | Archive Now : Auto | Delete Now : Auto | Save Text | Feedback | Order | Send Link | Return

Fielded Metadata | Transcript | Extended Metadata | Video Edit Tool

MetaData Values

[Edit] [Customize Your View]

Program

Program Name: CNN Headline News
Program Restriction: Domestic
Program Title: CNN 24/7
Topic: Domestic
Classification:

Timing

Program Length: 00:30:00
Start Time: 14:30:00
Stop Time: 15:00:00
Capture Air Time Date: 2/01/2008
Day: Friday

00:01:23

restart result term

Internet | Protected Mode: On

Internet | Protected Mode: On

100%

OSC Video Services ... Rich Media Player - ... Microsoft PowerPoi...

Yahoo! Search

1:31 PM

Unique Capabilities

Integrated Speech Recognition and Automatic Translation

The screenshot displays the 'Foreign STS' software interface. At the top, there is a menu bar with 'File', 'View', 'Keyword Alert', and 'Help'. The main area is divided into three sections:

- Left Panel:** Contains Arabic text. The top line reads 'ضار صريحة من المطبعة .'. Below it, a paragraph discusses violence in Iraq, mentioning 'العراق و بحصيلة الثقيلة في الأرواح حيث قتل اليوم أكثر من خمسين عراقيا و أصيب العشرات بجروح في أعمال عنف من طالت مختلف مناطق العراق بين هو احدى و عشرون شخصا موتيو إثر إنفجار قنبلتين .'. A second paragraph mentions 'عمير اوغندي مدينة تلأعفر شمال العراق و في مدينة الرمادي قتل مالا يقل عن ثلاثة عشر شخصا أصيلا نحو عشرة لآخرين في عملية إنتحارية إستهدفت مركزا التصوع في الشرطة العراقية ...'. At the bottom, it says 'و دورة العنف التي تشرح و العراق مجددا سارعت من |'.
- Center Panel:** A video player showing a man in a suit and red tie. The player has a 'Playlist: Playlist1' and a '01:19' timer. Below the video are standard playback controls (play, stop, previous, next, volume, full screen).
- Right Panel:** Contains English text. The top part reads 'Iraqis were killed and the tens were injured by wounds in acts of violence who Bien Hoa reached different Iraq regions one of and twenty persons are Mutiu after the explosion of two bombs .'. The bottom part reads 'Distinguished Ugandan is Tlafr city in north of Iraq and in El Ramady City the killing of Malaeql about thirteen original persons of about ten of others in a suicide operation that targeted is the centers of the volunteering in the Iraqi police And the violence round that explains and Iraq once more hurried from its moves of'.

Below the video player, there is a 'Keyword Alert System' section with a list of timestamps and keywords:

Timestamp	Keyword
[0h:1m:17s]	violence
[0h:1m:11s]	suicide
[0h:1m:1s]	bombs
[0h:1m:0s]	explosion
[0h:0m:55s]	violence
[0h:0m:53s]	injured
[0h:0m:51s]	killed
[0h:0m:22s]	Tehran

To the left of this list is the 'mainship' logo. To the right is a 'Program ID' field.

Facilities, Capabilities, Certifications

- Office, staging, and light manufacturing in Sellersburg, IN
- Capabilities:
 - Custom media asset management solutions
 - Integration of leading edge speech technologies
 - Video command centers and training rooms
- Deloitte Technology Fast 500 for several years running
- Veteran owned small business
- *Washingtonian Magazine* says that we are one of the best places to work in DC

Management Team

- John Donellon, President, Decisive Analytics Corporation
 - Educated at Notre Dame, IU, and George Mason, MBA and JD degrees
 - 25 years in architecture analysis, system analysis, and system engineering
- Richard Adleson, Vice President, Intelligent Systems Sector
 - BS in Physics with extended training in computational modeling
 - 20 years in analysis of military networks and decision support
- Joel Embry, Vice President, Video and Imaging Division
 - BA in Mass Communications and Television Production
 - 35 years in television production and engineering
- Tim Haas, Director, Video and Imaging Division
 - BS in Electrical Engineering Technology from Purdue
 - 15 years in digital video technology
 - Entrepreneurial experience
- Nathan Fornwalt, Director of Software Engineering, Video and Imaging Division
 - BS in Computer Engineering and Computer Science
 - 12 years in software engineering and software architecture



Future Direction

- Video Asset Management
 - Pursue language technologies
 - Integrate image searching
 - Integrate summarization strategies
 - Integrate search visualization strategies
- Marketing
 - Pursue commercial clients
 - Become the video system of choice for government clients

Why We're Unique

- Any channel, all the time, for as long as you want, any scale
- Documents, images, bookmarks, web links can be associated
- Rich set of metadata for searching
- Playback and media creation capability
- Video editing capability
- We do languages

What We Do

- Mainship™ Media Asset Management System
 - Mainship ClipPlay™ media management appliance
 - Core™, Edge™, EdgePlus™ encoders
 - Mainship Genesis™ web interface
 - Mainship Speech To Screen™ encoders
- Defense, law enforcement, and intelligence communities
- Automotive industry
- Anyone who wants to keep track of what the media are saying

Success Stories

- CBS News reported that our systems are used to collect open source intelligence from foreign broadcasts.
- Our systems provide video storage and delivery on the campus of a major automotive manufacturer located in the region.
- We have built two command centers for the FBI.