

NRCS 2005

Executive Summary

Introduction/

1 What is News? What is NRCS?

1.1 *Historical Perspectives*

1.1.1 The BASYS/Newstar/iNews story

1.1.2 The ENPS Story

1.1.3 The Rest

1.2 *Trends in broadcast journalism*

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1.2.2 More for less

1.2.3 Multiskilling

1.2.4 New delivery/publishing options

1.3 *How working practices have changed*

1.3.1 Dis-demarcation

1.4 *How new technology is affecting broadcast news*

1.4.1 "Convergence"

1.4.2 Delivery options

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1.4.2.2Internet

1.4.2.3Mobile Phones & PDAs

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2.1.1.5 Alarms and reminders

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2.1.3 Other sources

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2.1.3.3 Document scanning

2.1.3.4 SMS

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2.1.13.1.1 Timing displays

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2.1.13.2.1 Event triggering for supported devices

2.1.13.2.2 List of supported devices

2.1.13.2.3 List of supported standards

2.1.13.2.4 Gallery triggering equipment (VDU/Control pad etc)

2.1.13.2.5 Triggering methods (i.e. prompter)

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2.1.16.1.3 Outlook integration

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2.1.16.2.3 To physical workstations

2.1.16.2.4 Storage of sent/received messages

2.1.16.3 Notifications

2.1.16.3.1 Arrival of relevant new material

2.1.16.3.2 Status changes

2.1.16.3.3 Changes to files/stories

2.1.16.3.4 To groups

2.1.16.3.5 To individuals

2.2 System Qualities

2.2.1 Operating System

2.2.1.1 Server

2.2.1.2 Client

2.2.1.2.1 Thick client

2.2.1.2.2 Thin client

2.2.1.2.3 Windows

2.2.1.2.4 Macintosh

2.2.2 System Architecture

2.2.2.1 Networking options and standards supported

2.2.2.2 Client-Server

2.2.3 Database

2.2.3.1 Proprietary or 3rd Party

2.2.3.2 Integration/interoperability potential

2.2.3.3 Import/export tools and standards supported

2.2.3.4 Management tools

2.2.3.5 Database lifecycle (purging, etc)

2.2.3.6 Database maintenance requirements (i.e. maintenance requiring downtime)

2.2.4 File Management

2.2.4.1 File Format options

2.2.4.1.1 *Header vs. text*

2.2.4.1.2 *Header field options/attributes*

2.2.4.1.3 *Move/copy behaviour options*

2.2.4.2 File action automation options

2.2.4.3 Multimedia options

2.2.4.4 Personal vs. Public files

2.2.4.5 Kill/Purge options

2.2.4.6 File Locking

2.2.5 Search engine

2.2.5.1 Indexing

2.2.5.2 Search Tools

2.2.5.3 Variable results display

2.2.5.4 Integration capability

2.2.6 User interface

2.2.6.1 Word processing

2.2.6.2 Variable views

2.2.6.3 Programmable function keys

2.2.6.4 Macros

2.2.6.5 Integrated Web Browser

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2.2.7.1 Printing options

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2.2.7.1.2 *Supported/unsupported printers*

2.2.7.2 Profiles/Styles

2.2.7.2.1 *Document formatting*

2.2.7.2.2 *Script formatting*

2.2.7.2.3 *Camera Cards, etc*

2.2.8 System Integration/Interoperability potential

2.2.8.1 UI level

2.2.8.2 Database level

2.2.8.3 System level

2.2.8.4 Supported Standards

2.2.9 Internationalization

2.2.9.1 UI level

2.2.9.2 Database level

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2.2.9.5 Multiple concurrent language support

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2.2.10.1 Redundant architecture

2.2.10.2 Fail-safe operations

2.2.10.3 Alarms and notifications

2.2.11 Database Security

2.2.11.1 Edit-locking

2.2.11.2 Disk/database mirroring

2.2.11.3 Back-up/restore

2.2.11.4 Story versioning

2.2.11.5 Audit Trail

2.2.12 User management and Security

2.2.12.1 Password disciplines

2.2.12.2 Read-write access security

- 2.2.12.3 Command and function permissions
- 2.2.12.4 “Authorization” or approval mechanisms
- 2.2.12.5 By user or by physical workstation
- 2.2.12.6 User Profiles
- 2.2.12.7 User Groups
- 2.2.12.8 Management tools
- 2.2.13 System Scalability
 - 2.2.13.1 Smallest to largest
- 2.2.14 Local Parameterization and Control
 - 2.2.14.1 System management
 - 2.2.14.2 Operational control
 - 2.2.14.3 Software upgrades
- 2.2.15 Component architecture
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 - 2.3.1 Support Levels
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 - 2.3.1.2 First Line
 - 2.3.1.3 Second-line
 - 2.3.2 Enhancements
 - 2.3.2.1 Road Map
 - 2.3.2.2 Bespoke
 - 2.3.2.3 Legacy support (i.e. previous versions)
 - 2.3.2.4 Pricing Policies
 - 2.3.3 Consultancy
 - 2.3.4 Training

2.3.4.1 Courses

2.3.4.2 Applications

2.3.5 Documentation

2.3.5.1 Manuals

2.3.5.2 Training Documentation

2.3.6 User Groups

2.3.7 Website facilities

3 Associated Technologies

3.1 *Digital Asset management*

3.2 *Rights Management*

3.3 *Resource Management*

3.4 *Automation*

3.5 *Graphics Systems*

3.6 *Audio*

3.7 *Speech detection/recognition/synchronization*

3.8 *Traffic and Billing*

4 NRCS Players

4.1 *Avid iNews*

4.2 *AP/ENPS*

4.3 *Octopus*

4.4 *Autocue*

4.5 *Dalet*

4.6 *Gilda*

4.7 *Ardendo*

4.8 *US-only vendors*

4.9 *Asia-only Vendors*

4.10 *Home-builds*

4.11 *Others*

5 Reference Lists

6 Selected Case Studies

7 Pricing policies

8 Prospects for the Marketplace

9 How to run an NRCS Project