Welcome dear colleagues and Blaise users

Member of the Board of Directors of Statistics Netherlands,
Deputy CIO of Statistics Netherlands/CBS and CEO Blaise

Drs. Harry J.A. Wijnhoven
Blaise 5
Blaise Mission

Gaining Deeper Understanding

World Class Data Collection Platform

Official Statistics

Multi-Mode, Multi-Device and Multi Operating System

New and Emerging CAI Capabilities

Relatively Low Cost
The future of the use of questionnaires
APP use

CAPI (off- and online)

CASI

Hybrid mode
Sensor technology

VR demo
CBS and Blaise
CBS Data Collection Strategy

Redesign of CBS’ Data Collection Infrastructure
Blaise Business Unit

Commitment
• Business Unit
• Increased investment
• Larger development team
• Business Management
Blaise Organisational Structure

Director General

Blaise Executive Committee

Bert Kroese (Dpty Director General)
Harry Wijnhoven (CEO)
Marcel van der Steen (Business Director)

CBS Staff Services

Methodologists
IT Architects

Software Development

Testing

Support

Training
CBS’ commitment to Blaise end-users

• Besides the people directly working for Blaise, the Blaise team has access to CBS’:

  • Methodological specialists
  • Questionnaire builders
  • Data Collection specialists
  • IT (security and privacy)-specialists
  • Content specialists
Blaise – Gaining Deeper Understanding

Survey software for professionals in official statistics
With more than 31 years of experience

Built by
Used by
Distributed by
Maintained by
Supported by
Blaise Partnerships

All of you!

IBUG
B-CLUB

Gaining deeper understanding

Universiteit Utrecht

Blaise

UNIVERSITY OF MICHIGAN

ODDI®
Blaise – Development history

- **v 1.0**: 1986
- **v 2.0**: 1988
- **v 3.0**: 1994
- **v 4.0**: 1998
- **v 5**: October 2016

- CAIDI
- CAPI
- CATI
- Windows CAWI

- Min. 2021
Blaise Design Philosophy
Blaise Design Philosophy

✓ Full multi and **hybrid** mode, multi device, smartphone/tablet/web

✓ Design once, use everywhere

✓ Easy where possible (**BCQ**), complex where needed

✓ Hybrid Connected and Disconnected mode

✓ Control, Check and Connect

✓ Intensify Sharing Community
Performance, concurrency and security/privacy

✓ External specialised IT companies (and CBS itself) regularly test the concurrency/performance and security/privacy of Blaise 5

✓ The outcome of these tests will be made available through Basecamp
Accessibility

✓ Blaise 5 is compliant with the following accessibility standards:

✓ WCAG 2.0 AA
✓ Section 508
The Blaise-Family
BCLUB

BLAISE CORPORATE LICENSE USER BOARD

✓ Physical meeting every nine months

✓ Teleconferences (currently every month)
Innovation and Development
CBS research
Mobile device login and break-off in individual CBS surveys
Blaise Future Development Plan (2016 - ... )

Transition as a Service (TAAS)
Lay-out as a Service (LAAS)
Survey as a Service (SAAS)

trustedCloud
TRANSITION AS A SERVICE: TAAS TEAM

- ManiPlus help?
- Manipula help?
- Lay-out/Design help (LAAS)?
- Server park design help?
- Infra Client-Server help?
- Database help?
- Conversion of sources and data help?
- API help?
- Alien procedures/router help?
- Starter kit help?
- APP help?
- POC help?
- Time period?
- It will save you a lot of money and time.
- Is much cheaper then doing it all yourself

- Your opinion/ideas?
Blaise Store

A digital place platform to share templates, (software) tools, add-ons and more...

ftp://blaisestore:blaise_store_2017@ftp.cbs.nl
Complexity made simple(r)

Blaise Colectica
Questionnaire Designer

- Visual Survey Designer
- Question Banks
- Multiple Outputs (through DDI)
- Rapid Design Iterations
- Standards Support
- Link Data to Questions
- As a start of

Less costs for training
Shorter Time to Market
Blaise 5 in use in the World
## Current Production Work with Blaise 5 (May 2018)

<table>
<thead>
<tr>
<th>Organisation</th>
<th>Surveys</th>
<th>Platform</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBS</td>
<td>Yearly Production Survey (PSOnline), Quarterly Investments, ICT Business, Stage Arts, Health Survey, School-leavers, Studying Abroad, On-The-Road-in-NL, Monthly Natural Gas Storage, Yearly Job Satisfaction, Agriculture, Vegetables, Meadows, ... Labor Force Survey at Caribbean Netherlands</td>
<td>Browser/DEP</td>
</tr>
<tr>
<td>Finland</td>
<td>ICT in household, Adult Education Survey, Leisure Survey, Rents of Dwellings, Quality Of Work Life</td>
<td>Mixed mode</td>
</tr>
<tr>
<td>Norway</td>
<td>Several Web Surveys</td>
<td>Browser</td>
</tr>
<tr>
<td>Westat</td>
<td>Mobile Study</td>
<td>Android</td>
</tr>
<tr>
<td>Denmark</td>
<td>Househoold Budget Survey CAWI/CATI pilot study Business Survey Social Surveys with CATI (just started)</td>
<td>Android Browser/DEP CATI</td>
</tr>
<tr>
<td>Cyprus</td>
<td>ICT Business Survey</td>
<td>Browser</td>
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## Current Production Work with Blaise 5 (May 2018)

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<tr>
<td>University of Michigan</td>
<td>4 projects</td>
<td>Browser/DEP/CATI</td>
</tr>
<tr>
<td>RTI</td>
<td>2 Small web surveys</td>
<td>Browser</td>
</tr>
<tr>
<td>Social &amp; Scientific Systems</td>
<td>20-minute Survey</td>
<td></td>
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<tr>
<td>NISRA</td>
<td>Household Survey</td>
<td>DEP on Tablets</td>
</tr>
<tr>
<td></td>
<td>Passenger Survey at Sea and Airports</td>
<td></td>
</tr>
<tr>
<td>ONS</td>
<td>2 mixed-mode surveys</td>
<td>Browser/CATI</td>
</tr>
<tr>
<td>Qatar University (SESRI)</td>
<td>3 surveys</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 CATI pilot study</td>
<td></td>
</tr>
<tr>
<td>Statistics Iceland</td>
<td>Research and Development Survey</td>
<td>Browser</td>
</tr>
<tr>
<td></td>
<td>Information and Communication Survey</td>
<td></td>
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</table>
# Planned Production Work with Blaise 5

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<tbody>
<tr>
<td>CBS</td>
<td>Omnibus at Caribbean Netherlands</td>
<td>DEP</td>
</tr>
<tr>
<td>Norway</td>
<td>CATI surveys</td>
<td>CATI</td>
</tr>
<tr>
<td>Northern Ireland</td>
<td>Testing online responses, Passenger survey, Household survey</td>
<td>Browser</td>
</tr>
<tr>
<td>Belgium</td>
<td>Framework for all surveys (CAPI, CAWI, CADI)</td>
<td>Browser</td>
</tr>
<tr>
<td>Cyprus</td>
<td>Android questionnaires</td>
<td>Android</td>
</tr>
<tr>
<td>University of Michigan</td>
<td>1 project</td>
<td>CATI, Browser</td>
</tr>
</tbody>
</table>
Current Production Work with Blaise 5 (May 2018)

Please email us the latest update
Blaise 5 Services

Training, Transformation, Lay-Out
### Blaise 5 Training Courses

**Blaise 5 courses:**
- Basic Blaise 5 training (for new users): 3 days
- New in Blaise 5 (for Blaise 4 users): 1 day
- Layout Designer: 1.5 days
- Resource Editor: 1.5 days
- Manipula: 1-1.5 days
- CATI: (under development) 1-1.5 days
- API: 2 days

* Prerequisite knowledge required
Blaise Training (Pricing)

Course at CBS
Heerlen, The Netherlands
*(Lunch and coffee included)*
€ 325,- per student / day

Free video tutorials available on Blaise.com

On-site
For 8 students and more
€ 275,- per student / day
Travel and Lodging (per trainer)
€ 100,- per day
Travel on non course days (if necessary)
€ 640,- per day
Additional consultancy days (if necessary)
€ 1280,- per day
Transition as a Service (TaaS)

✓ Tools for easy transition from Blaise 4 to Blaise 5
✓ Training for Blaise 5 lay-out language
✓ Video tutorials
✓ Lay-out service
Blaise Pricing
Blaise User License

Apart from the impressive capabilities of Blaise 5, the Blaise Annual User License includes:
✓ Blaise Survey Platform
✓ Standard Methodological proof Templates
✓ Two to three free updates
✓ Access to Blaise Store
✓ Free unlimited support on the basis of fair use
✓ Free online training videos
✓ Membership of Blaise Corporate License User Board (BClub)
✓ Access to the Blaise BaseCamp Web Forum
Blaise 5 Pricing

The (relatively low) price of the Blaise User License is based on:

- Number of Developer Licenses
- Number of CAPI interviewers
- Number of CATI/CADI interviewers
- Number of servers for CASI (WEB) usage
- Corporate user or small users
- New or existing user
Blaise License Plans

• Corporate License
  ➢ Organization with continuous CAI work
  ➢ High intensity (> 100 application users)

• Regular License
  ➢ Wide variety of usage types
  ➢ Lower intensity usage
Proprietary Development
Building Proprietary Survey Software

• Possible to achieve rapid progress to build first versions with basic capabilities

• Possible to create quickly a nice Graphical User Interface (GUI)

• However, when needs arise for complexity, methodology and additional (multi mode) features problems arise for sure (20%-80% rule)
Building Proprietary Software

• Costs and development time increases rapidly in order to build in:
  • methodology
  • multi mode
  • full multi and hybrid mode, multi device, mobile/tablet/web
  • design once, use everywhere
  • complexity
  • meta and para data, data logging
  • APP’s (dis)connected
  • etc.

• Costs for maintenance increase
Proprietary Software – Organisational Issues

• Single point of knowledge risc

• Lack of input from large NSI user base

• Even for CBS, with more than 31 years of building CAI sofware experience, it was and is very challenging
ANY QUESTIONS?
“Our goal is to offer users a Blaise 5 system that provides world class data collection capabilities, meets the new and emerging challenges of CAI methodologies, offers affordable licensing options, and supports organisations seeking a single solution for multi-mode, multi-device and multi-platform CAI software against relatively low costs”