



Building **trust** in eLearning

www.smowl.net



GDPR Compliant



EU funded



SMOWL

JAMES BENNETT & JONAS LUNDQVIST

Ilona IT webinar, 25th April 2023

WHAT CAN I EXPECT FROM THIS SESSION?

- A few introductions...
- What is proctoring?
- Why SMOWL?
- How does it work?

WHO ARE YOU?

- James Bennett
- Jonas Lundqvist





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3 key objectives

1 Strengthen the quality of online learning

Through online identity verification and remote knowledge validation.

2 Improve accessibility to education

Allowing users to test anytime and anywhere.

3 Reduce the environmental impact

Reducing the number of cars traveling to test centers as well as paper printouts.

“24%

Of the stakeholders in the EdTech sector consider access to education as the main opportunity to increase the participation of people in education, especially women who work or people who live far from educational facilities”.

IDB and HolonIQ survey on EdTech in Latin America and the Caribbean.



WHAT CAN I EXPECT FROM THIS SESSION?

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- What is proctoring?
- Why SMOWL?
- How does it work?

WHAT IS PROCTORING?

- Digital invigilation
- A solution to a problem people do not like to admit is real

Challenges

Join the Thousands doing it

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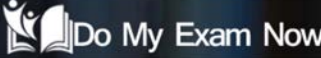
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🔒 cheatsheetexam.com/?reload=150673

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E-mail

Exam Subject / Course Code

Exam Date & Time

Number of Questions

Type of Questions

Do My Exam

<https://myassignmenthelp.com/online-exam/>

Is it really you?

Teachers and evaluators don't trust online tests to evaluate their students.



Overcame barriers



Geographical



Time consuming logistics



Physical

Online authentication and monitoring tool using artificial intelligence to verify the identity of the online user during an entire e-learning session

Old ways

Fixed time/days

Go to physical location

Person verifying attendees

Limited capacity

Present-Future

Anytime

Anywhere

Proctoring tool

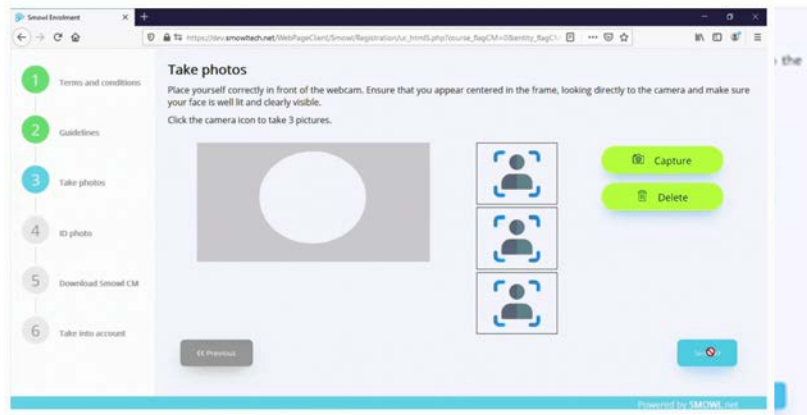
Unlimited capacity

SMOWL eProctoring

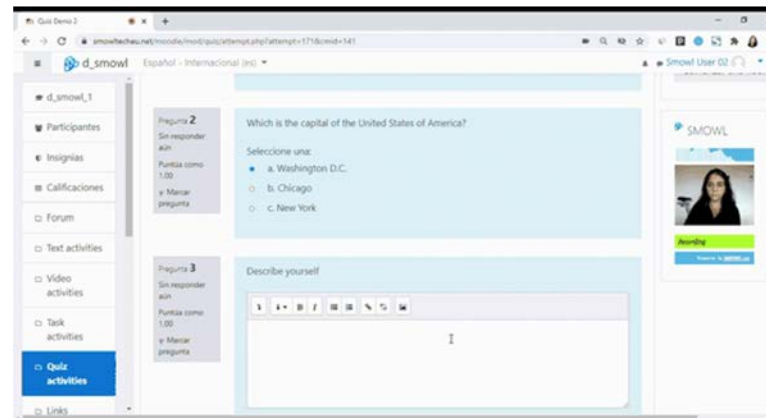
REMOTE MONITORING FOR ONLINE EVALUATIONS. EASY AND SECURE.

Online exam monitoring tool that uses Artificial Intelligence to verify the user's identity and ensure the integrity and quality of the evaluation process.

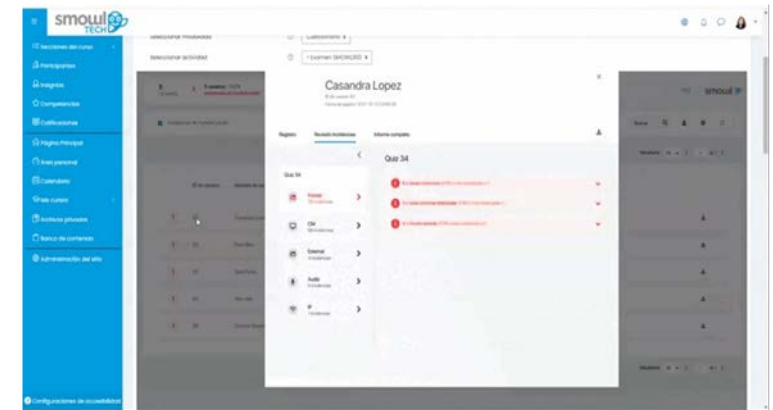
1. Registration



2. Monitoring



3. Evidence



WHAT CAN I EXPECT FROM THIS SESSION?

- ~~A few introductions...~~
- ~~What is proctoring?~~
- Why SMOWL?
- How does it work?

WHY SMOWL?

- It works for everyone
- Different licence plans to suit everyone
- Robust features to support ideal security levels: lockdown browser, computer monitoring, camera, external camera, microphone

SMOWL LICENCES

	SMOWL Class	SMOWL+	SMOWL Pro
Lockdown browser	✓	✓	✓
Computer monitoring	✓	✓	✓
Webcam monitoring	-	✓	✓
Audio monitoring	-	✓	✓
Second webcam monitoring 360°	-	-	✓
Human supervision (record & review)	-	Add on	Add on
User enrollment	-	Photo + ID	Photo + ID + Institution photo
MySmowltech	Analytics	Analytics	Analytics + API
Integration	API / LTI	API / LTI	API / LTI
Help center	✓	✓	✓
Support chat	✓	✓	✓
Phone assistance	-	-	✓
Add ons			
Image frequency capture*	-	60s	60s
Concurrency (can be modified)	500	500	1.500 / Ad-hoc
Storage (can be modified)	3 years	3 years	Custom

* 30 seconds for Moodle Proctoring

FOR STUDENTS...

- Do the exam at home or at work;
- Use a proctoring service that works with suboptimal internet speeds;
- Use a proctoring service that is *far less intrusive* and does not discriminate;
- Rest assured that all of your data – all of it – remains in the EU.

If your students are at university...



(and also might have jobs, too)

FOR INSTITUTIONS...

- Scale up – you can have limitless exams and limitless students. No longer are you tied to exam halls, their schedules or their capacity;
- Open up distance learning to **all** students, including those cannot travel...make university truly universally accessible;
- Far fewer false positives...from a far better system;
- And all data – all of it – remains in the EU!

...Or are busy professionals with day jobs

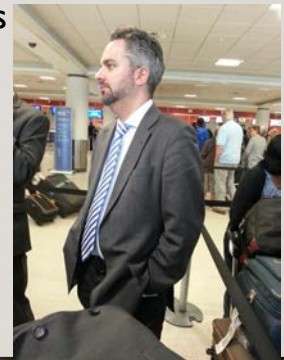


Photo: Jonas Lundqvist

Education sector

Some of our clients



Universidad de Valladolid



UNIVERSIDAD MILITAR NUEVA GRANADA



WHAT CAN I EXPECT FROM THIS SESSION?

- ~~A few introductions...~~
- ~~What is proctoring?~~
- ~~Why SMOWL?~~
- How does it work?

Welcome back, Jonas! 🤝

Course overview

All ▾ Search Sort by course name ▾ Card ▾



Smowltech
SMOWL Monitored course

0% complete







Smowltech



Course Participants Grades Competencies

Useful information

Collapse all

-  URL: How to install SMOWL in MOODLE Mark as done
-  URL: Monitoring report guide Mark as done
-  URL: Users's managemente guide Mark as done
-  URL: Filters' management guide Mark as done

Activities with camera monitoring

-  QUIZ: Camera monitoring quiz Mark as done
-  QUIZ: Camera monitoring quiz Mark as done

Activities with computer monitoring



Camera monitoring quiz

Activities with computer monitoring

- QUIZ SMOWLCM quiz Mark as done
- QUIZ OnlyCM quiz Mark as done
- QUIZ LOCK monitoring quiz Mark as done
- QUIZ OnlyLOCK Mark as done

Activities with external camera

- QUIZ Two cameras monitoring Mark as done
- QUIZ SMOWL 360 (CM engaged) Mark as done
- QUIZ SMOWL 360 (Lock engaged) Mark as done

moodle.smowltecheu.net vill
Använd kameran
Tillåt Blockera

smowltech / Camera monitoring quiz

QUIZ Camera monitoring quiz

Mark as done

This is a quiz monitored by SMOWL

Checking SMOWL, please wait

Continue your attempt

Grading method: Highest grade

Summary of your previous attempts

Attempt	State	Marks / 2.00	Grade / 10.00	Review
1	Finished Submitted Tuesday, 14 February 2023, 12:08 PM	2.00	10.00	Review
2	In progress			

moodle.smowltecheu.net vill
Använd mikrofonen
Tillåt Blockera



smowltech / Camera monitoring quiz

QUIZ Camera monitoring quiz

Mark as done

This is a quiz monitored by SMOWL

Checking SMOWL, please wait

Continue your attempt

Grading method: Highest grade

Summary of your previous attempts

Attempt	State	Marks / 2.00	Grade / 10.00	Review
1	Finished Submitted Tuesday, 14 February 2023, 12:08 PM	2.00	10.00	Review
2	In progress			



smowltech / Camera monitoring quiz

 QUIZ **Camera monitoring quiz**

Mark as done

This is a quiz monitored by SMOWL

SMOWL is engaged, you can access your activity

Continue your attempt

Grading method: Highest grade

Summary of your previous attempts

Attempt	State	Marks / 2.00	Grade / 10.00	Review
1	Finished Submitted Tuesday, 14 February 2023, 12:08 PM	2.00	10.00	Review
2	In progress			



smowltech / Camera monitoring quiz



QUIZ

Camera monitoring quiz

Back

Question 1

Not yet answered

Marked out of 1.00

Flag question

Can you see yourself in the SMOWL block?

- True
- False

Question 2

Not yet answered

Marked out of 1.00

Flag question

Is your audio checked an active?

- True
- False

Finish attempt ...

Quiz navigation



Finish attempt ...

SMOWL

smowl
Activity in progress
Monitoring active



smowltech / Camera monitoring quiz



QUIZ

Camera monitoring quiz

Back

Question 1
Not yet answered
Marked out of 1.00
Flag question

Can you see yourself in the SMOWL block?

True
 False

Question 2
Not yet answered
Marked out of 1.00
Flag question

Is your audio checked an active?

True
 False

Finish attempt ...

Quiz navigation

1 2

Finish attempt ...

SMOWL

smowl
Activity in progress
Monitoring active

Submit all your answers and finish? ✕

Once you submit your answers, you won't be able to change them.

smowltech / Camera
QUIZ
Camera

Camera monitoring quiz

Summary of attempt

Question	Status
1	Answer saved
2	Answer saved

smowltech / Camera monitoring quiz



QUIZ

Camera monitoring quiz

Started on	Tuesday, 14 February 2023, 2:54 PM
State	Finished
Completed on	Monday, 24 April 2023, 9:10 AM
Time taken	68 days 17 hours
Marks	2.00/2.00
Grade	10.00 out of 10.00 (100%)

Question 1
Correct
Mark 1.00 out of 1.00
[Flag question](#)

Can you see yourself in the SMOWL block?

- True ✓
 False

The correct answer is 'True'.

Question 2
Correct
Mark 1.00 out of 1.00
[Flag question](#)

Is your audio checked an active?

- True ✓
 False

The correct answer is 'True'.

[Finish review](#)



✕

▼ Useful information

- How to install SMOWL in M...
- Monitoring report guide
- Users's managemte guide
- Filters' management guide

▼ Activities with camera mo...

- Camera monitoring quiz
- Camera monitoring quiz

▼ Activities with computer ...

○ SMOWLCM quiz

- OnlyCM quiz
 - LOCK monitoring quiz
 - OnlyLOCK
- ▼ Activities with external ca...
- Two cameras monitoring
 - SMOWL 360 (CM engaged)
 - SMOWL 360 (Lock engaged)

smowltech / SMOWLCM quiz



SMOWLCM quiz

[Mark as done](#)

Checking SMOWL, please wait

[Attempt quiz](#)

Grading method: Highest grade

✕

SMOWL

A preview of the SMOWL interface. It features a blue header with the 'smowl' logo and a menu icon. Below the header, there's a video feed showing a man with glasses and a microphone, with the text 'Checking' above it. Underneath the video, it says 'Connecting tools'. At the bottom, there are three icons: a camera, a laptop with '65s' above it, and a microphone.

✕

▼ Useful information

- How to install SMOWL in M...
- Monitoring report guide
- Users's management guide
- Filters' management guide

▼ Activities with camera mo...

- Camera monitoring quiz
- Camera monitoring quiz

▼ Activities with computer ...

- SMOWLCM quiz
- OnlyCM quiz
- LOCK monitoring quiz
- OnlyLOCK
- ▼ Activities with external ca...
- Two cameras monitoring
- SMOWL 360 (CM engaged)
- SMOWL 360 (Lock engaged)

smowltech / SMOWLCM quiz

QUIZ **SMOWLCM quiz**

Mark as done

Checking SMOWL, please wait

Attempt quiz

Grading method: Highest grade

✕

SMOWL

smowl

Checking

Refresh

Help

Copy CM download link to clipboard

Download CM

Connecting tools

52s

PRIVACY POLICY:

Basic Information on Data Protection	
Data Controller in charge of the treatment	Smiley Owl Tech S.L (from now on Smowltech) acts as Data Processor of the Data Controller institution responsible for this online training course.
Purpose of the treatment	User identification and monitoring of his/her activity during his/her online course.
Legitimation of the treatment	User consent.
Recipients of assignments or transfers	No assignments are foreseen.
Rights of the persons concerned	Access, rectify and delete data, as well as other rights, as explained in the additional information.
Additional information	You can find further and detailed information about Data Protection on our website: Privacy Policy .



SMOWLCM monitors your activity while you are in your online course/exam. The system will be launched automatically next time you enter an activity that must be monitored. Please, take into account while you are using it that it records everything that happens in your computer.

CLOSE THIS WINDOW before entering the activity.

SMOWLCM is updated to its latest version.

✕

▼ Useful information

- How to install SMOWL in M...
- Monitoring report guide
- Users's managment guide
- Filters' management guide

▼ Activities with camera mo...

- Camera monitoring quiz
- Camera monitoring quiz

▼ Activities with computer ...

- **SMOWLCM quiz**
- OnlyCM quiz
- LOCK monitoring quiz
- OnlyLOCK
- ▼ Activities with external ca...
- Two cameras monitoring
- SMOWL 360 (CM engaged)
- SMOWL 360 (Lock engaged)

smowltech / SMOWLCM quiz

 QUIZ **SMOWLCM quiz**

Mark as done

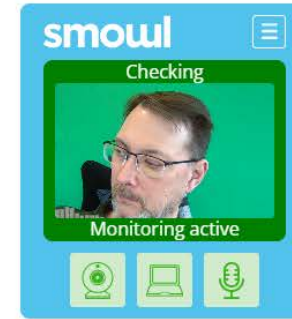
SMOWL is engaged, you can access your activity

Attempt quiz

Grading method: Highest grade

✕




 SMOWL



smowl


Checking

Monitoring active

?

SMOWLCM checked! ✕



Waiting for you to start your exam...

Don't close this window

4.0.0

- ✕
- ▼ Useful information
 - How to install SMOWL in M...
 - Monitoring report guide
 - Users's management guide
 - Filters' management guide
- ▼ Activities with camera mo...
 - Camera monitoring quiz
 - Camera monitoring quiz
- ▼ Activities with computer ...
 - SMOWLCM quiz
 - OnlyCM quiz
 - LOCK monitoring quiz
 - OnlyLOCK
- ▼ Activities with external ca...
 - Two cameras monitoring
 - SMOWL 360 (CM engaged)
 - SMOWL 360 (Lock engaged)

smowltech / SMOWLCM quiz

QUIZ **SMOWLCM quiz**

Back

Question 1

Not yet answered

Marked out of 1.00

🚩 Flag question

Is your audio checked an active?

- True
- False

Question 2

Not yet answered

Marked out of 1.00

🚩 Flag question

Can you see yourself in the SMOWL block?

- True
- False

Question 3

Not yet answered

Marked out of 1.00

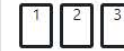
🚩 Flag question

Is SMOWL CM working properly?

- True
- False

Finish attempt ...

Quiz navigation



Finish attempt ...

SMOWL

System active

Remember you are being monitored

End Activity

4.0.0



smowltech: LOCK monitoring x +

moodle.smowltecheu.net/sales/mod/quiz/view.php?id=8

smowl TECH Home Dashboard My courses

På en inbäddad sida på swl.smowltech.net står det Smowl extension is not installed, this activity requires the extension. OK

smowltech / LOCK monitoring

QUIZ **LOCK monitoring quiz**

Mark as done

SMOWL is not correctly engaged, refresh your browser

Attempt quiz

Grading method: Highest grade

SMOWL

smowl

Checking

Connecting tools

?

- Useful information
 - How to install SMOWL in M...
 - Monitoring report guide
 - Users's management guide
 - Filters' management guide
- Activities with camera mo...
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 - Camera monitoring quiz
- Activities with computer ...
 - SMOWLCM quiz
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 - SMOWL 360 (CM engaged)
 - SMOWL 360 (Lock engaged)

smowltech: LOCK monitoring x +

moodle.smowltecheu.net/sales/mod/quiz/view.php?id=8

smowl
TECH

Home Dashboard My courses

🔔 🗨️ JL ▾

✕

Useful information

- How to install SMOWL in M...
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- Filters' management guide

Activities with camera mo...

- Camera monitoring quiz
- Camera monitoring quiz

Activities with computer ...

- SMOWLCM quiz
- OnlyCM quiz
- LOCK monitoring quiz**
- OnlyLOCK

Activities with external ca...

- Two cameras monitoring
- SMOWL 360 (CM engaged)
- SMOWL 360 (Lock engaged)

smowltech / LOCK monitoring quiz

QUIZ

LOCK monitoring quiz

Mark as done

SMOWL is engaged, you can access your activity


Attempt quiz

Grading method: Highest grade

SMOWL

smowl

Checking



Monitoring active

📹 🎤 🗨️

?

Back

Question 1

Not yet answered

Marked out of 1.00

Flag question

Is your audio checked an active?

- True
- False

Question 2

Not yet answered

Marked out of 1.00

Flag question

Can you see yourself in the SMOWL block?

- True
- False

Question 3

Not yet answered

Marked out of 1.00

Flag question

Is the SMOWL extension correctly engaged?

- True
- False

Finish attempt ...



Prohibited behavior detected!

You have reached 1 of 3 warnings!

Close



Two cameras monitoring

moodle.smowltecheu.net/sales/mod/quiz/attempt.php?attempt=46&cmid=6

smowl
TECH

Home Dashboard My courses

Home Dashboard My courses

smowltech / Two cameras monitoring

QUIZ

Two cameras monitoring

Back

Question 1
Not yet answered
Marked out of 1.00
Flag question

Is your audio checked an active?

True
 False

Question 2
Not yet answered
Marked out of 1.00
Flag question

Can you see yourself in the SMOWL block?

True
 False

Question 3
Not yet answered

Is your phone connected to SMOWL?

Quiz navigation

1 2 3

Finish attempt ...

SMOWL

smowl

Activity in progress

Connecting tools

49s

13:08

swl.smowltech.net/monitor/takePhoto/smowlCornerUnifiedExternal.php?pa

smowl

Checking

Ready to start

Finish attempt ...

?

Course: Smowltech | moodle.smowltech.eu.net/sales/course/view.php?id=2

smowlTECH | Home | Dashboard | My courses

Smowltech

Course | Participants | Grades | Reports | Badges | More ▾

▼ **Useful information** Collapse all

- URL: How to install SMOWL in MOODLE Mark as done
- URL: Monitoring report guide Mark as done
- URL: Users's managemte guide Mark as done
- URL: Filters' management guide Mark as done

▼ **Activities with camera monitoring**

- QUIZ: Camera monitoring quiz Mark as done
- QUIZ: Camera monitoring quiz Mark as done

▼ **Activities with computer monitoring**

- QUIZ: SMOWLCM quiz Mark as done
- QUIZ: OnlyCM quiz Mark as done
- QUIZ: LOCK monitoring quiz Mark as done
- QUIZ: OnlyLOCK Mark as done

▼ **Activities with external camera**

- QUIZ: Two cameras monitoring Mark as done
- QUIZ: EMOMM-360 (CM Manager) Mark as done

SMOWL
Students' management
[Activities' report](#)

Course: SmowlTech

moodle.smowltech.eu/sales/blocks/smowl/manage.php?id=2&view=viewactivities

smowl TECH Home Dashboard My courses

Course Participants Grades Reports Badges More

smowl

Activities' report

Students' management Activities' report

Course

Select modality

7 USERS | 7 users | 100% Incidents monitored | 0 users | 0% Validation pending | 0 users | 0% No incidents monitored

vs FAQ Tutorial smowl

Incidents monitored Reviewed users

Europe/Stockholm OMT+1.1

Search Results 10

Status	User ID	Username	Frontal	External	Computer	BrowserExtension	Audio	IP		
!	24	jorge medina...	12	18	68	!	✓	1	⌵	⌵
!	3	adolfo suarez...	!	!	10	1	1	!	⌵	⌵
!	33	patrici brey	47	⌵	169	!	✓	1	⌵	⌵
!	35	Sara Rubio Alunna...	51	!	38	✓	✓	1	⌵	⌵
!	38	adrian machelona...	!	!	!	✓	✓	!	⌵	⌵
!	5	alme ves	2	⌵	!	!	✓	✓	⌵	⌵
!	75	Jonas Lundqvist...	9	⌵	10	✓	✓	✓	⌵	⌵

?

Status	User ID	Username	Frontal	External	Computer	Browser/Extension	Audio	IP		
!	24	jonas.mad... jonas.mad...	12	18	68	⚠️	✓	1	📄	👤
!	3	edulis.sunta...	⚠️	⚠️	10	1	1	⚠️	📄	👤
!	33								📄	👤
!	18								📄	👤
!	38								📄	👤
!	3								📄	👤
!	75								📄	👤



Jonas Lundqvist

User ID: 75
Register date: 2023-02-14 12:05:14

Register Incidents report Full report

- Audio 0 incidents
- Quiz9
 - Frontal Camera 2 incidents
 - Computer Monitoring 3 incidents
 - Audio 0 incidents
- Quiz3
 - Frontal Camera 2 incidents
 - Computer Monitoring 7 incidents
 - Audio

Quiz 3

- 2 x Command
- 1 x Peripherals
- 4 x Running apps

Course: SmowlTech | smowltech SMOW: Activities | moodle.smowltechu.net/sales/bloda/smow/manage.php?id=2&view=viewactivities

smowlTECH | Home | Dashboard | My courses

Status	User ID	Username	Frontal	External	Computer	Browser/Extension	Audio	IP
!	24	jonas.lundqvist...	12	18	66	!	✓	1
!	3	eddy.santos...	!	!	10	1	1	!

Jonas Lundqvist
 User ID: 75
 Register date: 2023-02-14 12:05:14

Register | Incidents report | Full report

Quiz 3

- 2 x Command
- SMOWLCM quiz - Google Chrome (View more 2)
- 1 x Peripherals
- 4 x Running apps
- Skype (View more 1)
- Slack (View more 1)
- Messenger.exe (View more 1)

?

CAN I HAVE A GO?

- Sure thing.
 - Send us an email and say you would like a test account. We can do one per institution.
 - 100 proctored tests...
 - ...in three weeks...
 - ...with full support.
 - james.bennett@smowltech.com and/or jonas.lundqvist@smowltech.com

Kiitos / Tack / Thank you / Gracias

