evonote

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EVONOTE

General Presentation

EVONOTE is the first and only digital notebook for school.

It is an edtech solution made of three parts that work together:

- **The device the student writes on** — an E-Ink screen that feels like paper and does not strain the eyes. As isolated as a notebook: no internet, no apps, no notifications. It follows the structure of the school, with one notebook for each subject. One device instead of a whole schoolbag. There is nothing for the student to set up: everything comes configured, and whatever they write is saved automatically, on the device and in EVONOTE Cloud.
- **EVONOTE Cloud** — the part no one sees, but which makes everything possible. This is where the notebooks are kept, up to date and secure, accessible from anywhere.
- **The web interface** — where the devices are configured and, above all, where something schools have never had comes to life: handwriting no longer tied to paper. What a student writes can be seen, as they write it, by anyone with permission — and from there, each student discovers their own way of learning together with others.

1. What EVONOTE Solves

1.1. The Core Problem: the Handwriting Dilemma in the Digital School

Schools are going digital, and handwriting is disappearing along with paper. Digitalization entered schools however it could; handwriting could not be digitalized, so it was simply bypassed. At the same time, more and more voices are calling for a return to handwriting — because when students write, they process and retain information instead of merely watching.

The interactive whiteboard brought rich content, but it turned the student into a **spectator**: the teacher presents, the student watches, and the material arrives by e-mail at the end. A spectator's mind can be anywhere. Someone who writes has to be present — they become a **participant**.

Until now, the choice seemed inevitable: either digital or handwriting.

EVONOTE resolves this tension: **it reconciles handwriting with digitalization**.

1.2. Concrete, Immediate Results

These are not smaller gains, but gains of a different kind: concrete, visible, from day one.

- **Portability, a lighter schoolbag** — one device instead of all the notebooks.
- **Protects the eyes** — the E-Ink screen reflects light like paper; there is no backlight shining into the eyes.
- **Focus, no distractions** — no internet, no apps, no notifications.
- **Eco-friendly** — no trees cut down for notebooks, year after year.
- **School-compatible** — it complies with rules banning screens in the classroom, an increasingly widespread trend worldwide.
- **Natural writing, like on paper** — the matte surface and reflected light feel like paper, and the line flows continuously under the stylus.
- **School structure** — one notebook for each subject, organized by school year. Students no longer have to organize their lessons into files and folders themselves.
- **Notebooks that never get lost** — every page reaches EVONOTE Cloud. A notebook left at home or a lost device no longer means lost lessons.
- **Notebooks in plain sight** — a parent or teacher with access can see what the student writes, anytime, from anywhere.
- **Extended sharing** — students can also give classmates access to their notebooks, so they can learn together.

- **PDF export** — any notebook can be downloaded as a PDF at any time, for printing, archiving or sending.
- **Battery life** — 2–3 school days on a single charge.

1.3. How It Compares

	Cognitive benefit	Natural writing	Focus	School structure	Sharing and cooperation	Eye protection	Portability	Eco-friendly
Interactive whiteboard *	-	-	-	-	●	●	-	●●
Laptop	●	-	-	-	●●	-	●	●●
Standard tablet **	●	●	-	-	●●	-	●●	●●
Standard E-Ink tablet ***	●●	●●	-	-	●●	●●	●●	●●
reMarkable ******	●●	●●	●●	-	●	●●	●●	●●
Paper notebook	●●	●●	●●	●●	-	●●	●	-
EVONOTE	●●	●●	●●	●●	●●	●●	●●	●●

*) Interactive whiteboard: the teaching method in which the teacher presents on the board, the student watches as a spectator, and the material reaches them by e-mail at the end of the lesson.

**) Standard tablet: a regular tablet with an LCD/LED screen and stylus, with access to the internet and apps.

***) Standard E-Ink tablet: a tablet with an E-Ink screen, in its original configuration, with access to the internet and apps (for example, BOOX Go 10.3).

****) reMarkable: an E-Ink tablet dedicated to writing, designed for an individual adult user.

Cognitive benefit: how much the tool supports understanding and memory

When writing by hand, students actively process information instead of simply transcribing it. The paper notebook, E-Ink tablets, reMarkable and EVONOTE score two points, because the student writes by hand. The laptop scores one point, because typing encourages mechanical transcription. The standard tablet scores one point: the bright screen and stylus latency are acceptable for occasional notes, but become a source of fatigue during intensive writing over a full school day. The interactive whiteboard scores no points, because the student is a spectator, and can even be an absent one: present in the classroom, but with their mind elsewhere.

Natural writing: how close the experience is to writing on paper

The paper notebook, E-Ink tablets, reMarkable and EVONOTE score two points, because writing happens on a surface that reflects light, just like paper. The standard tablet scores one point: writing happens on a light source, and the line does not flow continuously under the stylus, but appears in jumps, frame by frame. The laptop and the interactive whiteboard score no points, because they are not used for handwriting.

Focus: how well the tool protects the student's attention

The paper notebook, reMarkable and EVONOTE score two points, because they have no internet, apps or notifications. The laptop and standard tablets, LCD/LED or E-Ink, score no points, because distraction is one click away. The interactive whiteboard scores no points, because a spectator's mind can be anywhere.

School structure: how well the tool follows the way school is organized, by subject and school year

The paper notebook scores two points, because the student has one notebook for each subject. EVONOTE scores two points, because it reproduces this structure digitally. The laptop, standard tablets and reMarkable score no points: they force students to organize their lessons into files, and their files into folders, on their own, and the result is, more often than not, disorder. The interactive whiteboard scores no points, because the materials reach the student by e-mail, scattered among other messages.

Sharing and cooperation

The laptop, standard tablets and EVONOTE score two points. Laptops and tablets have collaboration apps, and with EVONOTE, what the student writes can be seen as they write it by anyone with access. The interactive whiteboard does nothing to address the lack of cooperation in industrial-style education: the student no longer writes, but receives the lesson written by the teacher, usually by e-mail. It still scores one point, because information circulates electronically,

even at the cost of losing the benefits of handwriting. reMarkable scores one point, because its sharing options are limited. The paper notebook scores no points, because the written page stays with the student alone.

Eye protection

The paper notebook, E-Ink tablets, reMarkable and EVONOTE score two points, because reading happens in reflected light, without a backlight, just like on paper. The interactive whiteboard scores one point: it emits light, but is viewed from a distance. The laptop and the standard tablet score no points, because their backlit screens are viewed up close, for hours on end.

Portability: how easy the tool is to carry

Tablets, reMarkable and EVONOTE score two points, because a single lightweight device replaces all the notebooks. The laptop scores one point, because it is heavier and bulkier. The paper notebook scores one point: one notebook is light, but all of them together weigh down the schoolbag. The interactive whiteboard scores no points, because it cannot be carried.

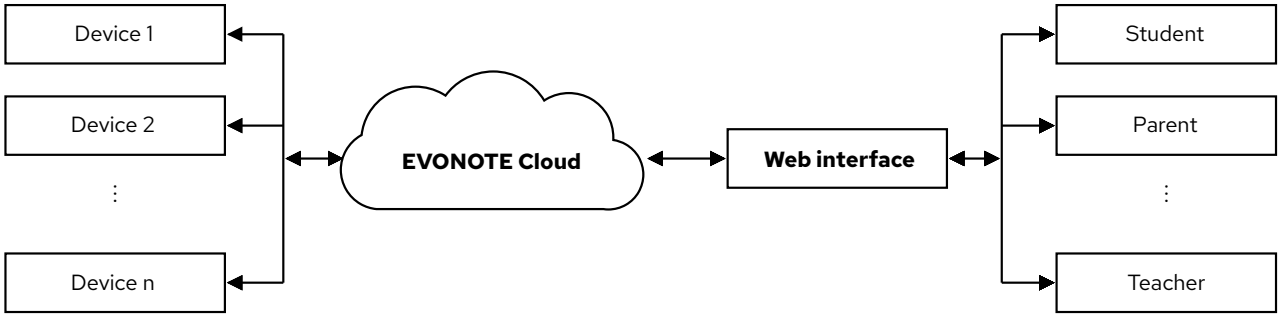
Eco-friendly: paper consumption

All digital solutions score two points, because they replace paper. The paper notebook scores no points, because paper is consumed year after year.

The evaluation reflects the opinion of the EVONOTE team.

2. How EVONOTE Works: the Three Layers

EVONOTE works on three interconnected layers: the device, on which the student writes; EVONOTE Cloud, where the pages are sent and stored; and the web interface, where the notebooks are configured and viewed. The diagram below shows the path of a page, from the student to everyone who has access to it.



2.1. The Device

The device is what the student writes on. It has an E-Ink screen, the same technology used in e-book readers: it does not emit light, but reflects the light in the room, just like paper.

Writing is done with a stylus, directly on the screen, as on a sheet of paper, and the line follows the tip of the stylus without delay.

A single device replaces all of the student's notebooks. When they open it, students see the list of notebooks, one for each subject, and choose the one for the current lesson. At the end of the lesson they close the notebook, and in the next lesson they open the one for the next subject, just as at school.

There is nothing for the student to set up: the notebooks come already organized, with no files or folders to manage.

There is nothing else on the device: no internet access, no apps, no notifications. This is why it can also be used in schools that ban screens in the classroom.

Everything the student writes is saved on the device first. When the device has a wireless connection, used only for saving, the pages are uploaded periodically to EVONOTE Cloud as they are written.

If there is no internet at school, that is not a problem: the pages stay on the device and are uploaded to the cloud later, when a connection becomes available, at home for example.

A single battery charge lasts for 2–3 school days.

2.2. EVONOTE Cloud

EVONOTE Cloud is where all written pages are sent.

Notebooks are kept by subject and by school year, and the data remains safe even if the device is lost, damaged or reset.

A notebook left at home no longer means lost lessons.

The cloud can be connected, in a controlled and secure way, to other platforms used by the school.

2.3. The Web Interface

The web interface is where everything is viewed and managed, from any computer or phone.

This is where students configure their notebooks and view their pages.

For younger students who cannot yet organize their notebooks on their own, or when parents prefer to take care of it themselves, there is the secondary profile: the parent configures and manages everything, and the student simply writes.

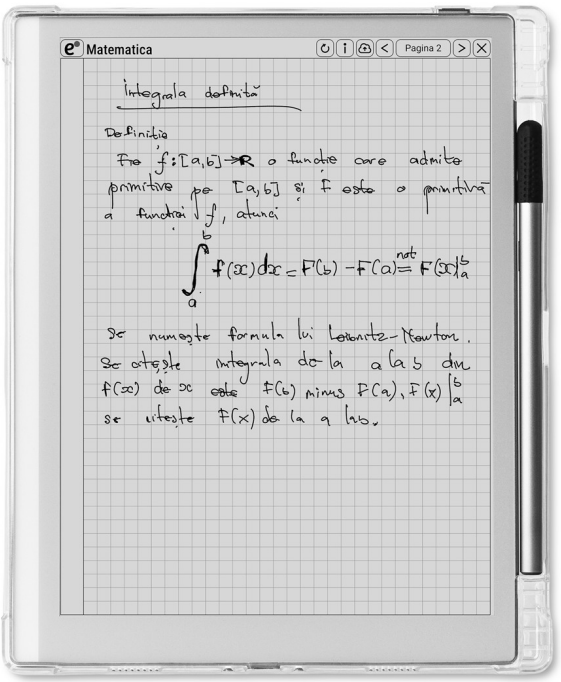
The student, or the parent, decides who has access, and to what. Access can be given to a single notebook, for example to the math teacher for the math notebook, or to a classmate they study with, or to the entire profile, for example to a parent or grandparent.

Anyone with access sees the pages as they are written.

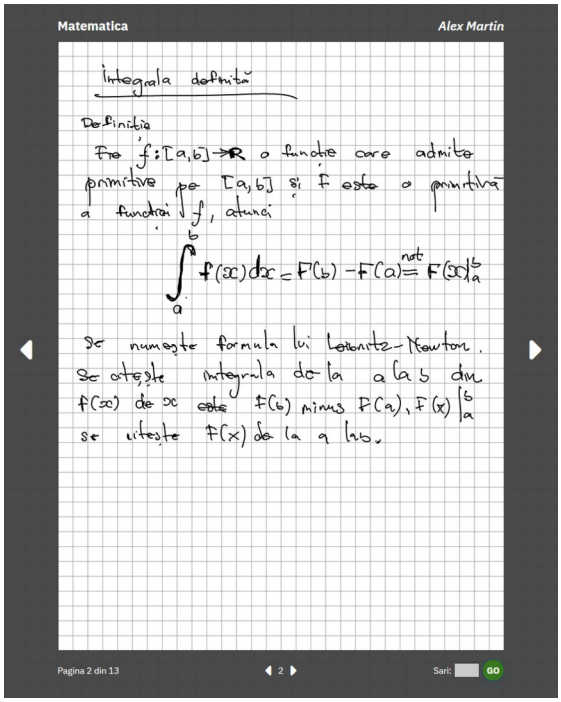
Notebooks can be downloaded as PDFs at any time, for printing, archiving or sending.

3. EVONOTE in Action

Write on EVONOTE ...



... and flip through it online



Share your profile with someone close



Share a notebook with the subject teacher



4. What's in the EVONOTE Package

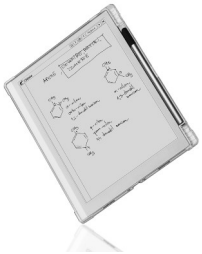
The EVONOTE package was designed around a student's school day. It contains everything they need to start working from day one, and to make the device last through the school years. The device comes already configured, with the notebooks waiting, organized by subject.

- **The device, BOOX Go 10.3 Gen II**, with an E-Ink screen and stylus, running EVONOTE.
- **Acrylic case**, which stays on the device and protects it from bumps and scratches, in class and during breaks.
- **Sleeve**, which protects the screen in the schoolbag, among books, the pencil case and the water bottle.
- **Access to EVONOTE Cloud for the entire lifetime of the device:** pages are saved and remain accessible for as long as the device is in use.
- **5 spare stylus tips:** the tip wears down over time, like pencil lead, and the student should never be left without one.

Price: €499, VAT and EU delivery included.

Less than a decent phone, but for all the school years: no monthly subscription and no notebooks to buy every autumn.

The EVONOTE device ...



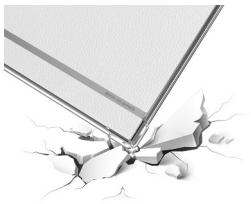
... with E-Ink and stylus



Acrylic case ...



... withstands impact



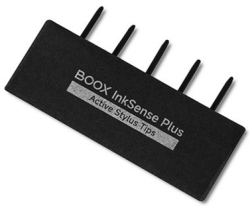
Sleeve ...



... for the schoolbag



5 spare tips



Lifetime Cloud

evonote cloud

5. What Else to Know

There is much more to say about EVONOTE, and part of it can be found in the other documents of this presentation. What remains here are five things worth knowing for anyone encountering it for the first time.

5.1. Registered Trademark

EVONOTE is a trademark registered with the State Office for Inventions and Trademarks of Romania (OSIM), under certificate no. 171619, valid until 2030. For protection at European Union level, an application for registration has been filed with the European Union Intellectual Property Office (EUIPO).

5.2. Academic Foundations

The idea of EVONOTE dates back to 2019. During its development, the project also went through an academic stage: the prototype was formalized in the bachelor's thesis "Caiet digital minimalist pentru educație pe dispozitive EPD, cu stocare în cloud (prototip Evonote)" (Minimalist Digital Notebook for Education on EPD Devices, with Cloud Storage – Evonote Prototype), defended at the Faculty of Mathematics and Computer Science of the University of Bucharest and graded 10/10.

EVONOTE is currently the subject of a master's dissertation at the same faculty, and it is studied and analyzed in several courses of the program.

5.3. Available in Four Languages

EVONOTE works in **Romanian, English, Bulgarian and German**: on the device, in the web interface and on the presentation and sales website. The system was built for multiple languages from the start, so adding a new one is straightforward and requires no changes to the product's architecture. EVONOTE is therefore ready for expansion into other markets.

5.4. A Living Product: the Notebook that Grows with the Student

Every few months, EVONOTE receives new features. What you buy today keeps getting better throughout the school years.

This is a natural way to evolve in the digital world, but new for a school object, which until now was bought once and stayed the same until the last page.

5.5. A New Category

Taken separately, the parts of EVONOTE already exist: E-Ink screens, writing apps, cloud services.

What is new is their combination, built from the ground up for school: a handwritten notebook that does not get lost, does not distract, and can be seen as it is written by anyone with access.

No single part does this on its own. Only the whole system does, and it is more than the sum of its parts.

EVONOTE takes the best of both worlds: from handwriting, engagement and memory; from digitalization, security, access from anywhere and sharing.

That is why it does not fit into any existing category.

It is not a better tablet, because on a tablet the student's attention drifts away from the lesson.

Nor is it a better notebook, because a notebook cannot be seen by anyone other than the student.

The comparison table in section 1.3 shows it clearly: every tool so far wins on some criteria and loses on others, and EVONOTE is the only one that ticks them all.

When an object does what none of the existing ones can, it opens a new category.

EVONOTE is the first and only digital notebook for school.