

## A Milestone Release: Aniah V2.0

**26 April 2022 | Aniah releases a major update Aniah V2.0.**

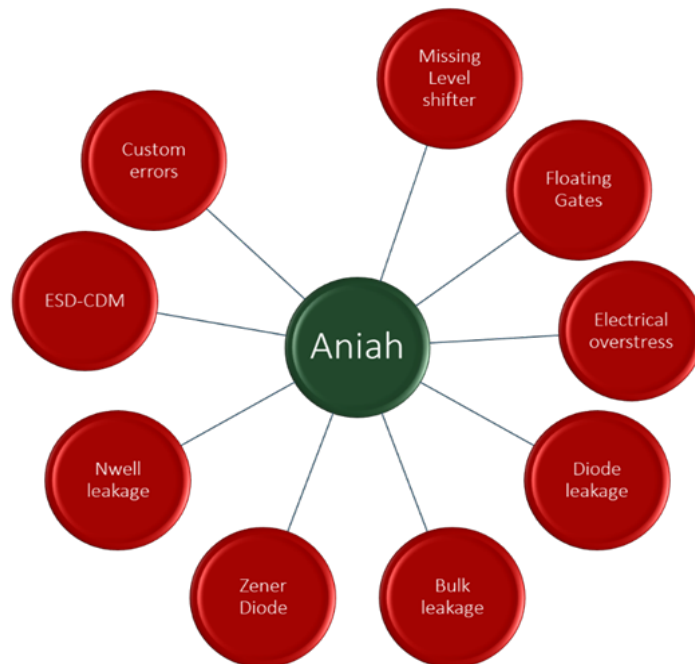
Today, **Aniah** announce a major release V2.0. This release addresses two elements: *Ease-of-Use and Reliability*.

Aniah introduces a new GUI enabling its users to perform ERCs easily and continuously during the early stages of their design. At Aniah's, our strategy focuses on not disturbing the designers' workflow while yet being intuitive to use.

Aniah's GUI focuses on easy-to-share analysis and power states setup, dynamic error reporting, and live link to commercial schematic editors.

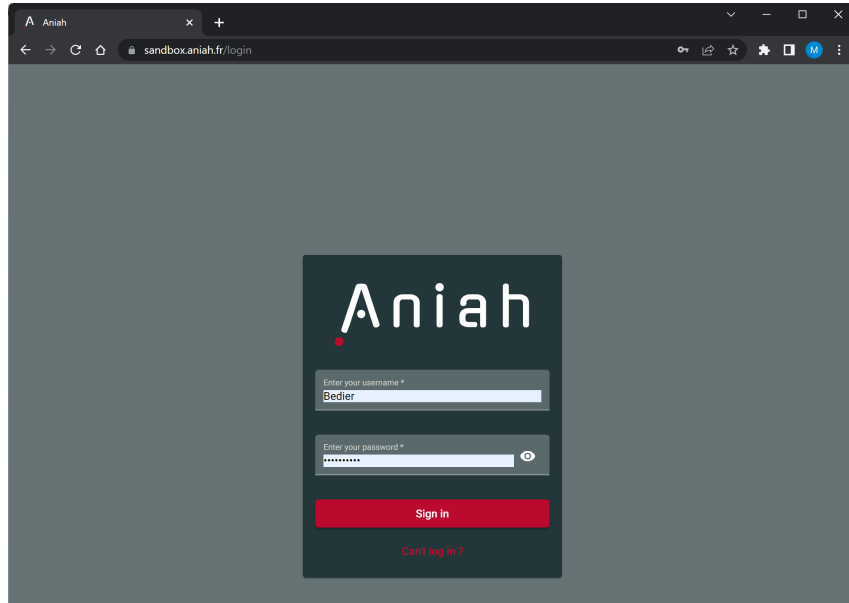
### **1. A comprehensive set of errors available out-of-the-box**

Aniah V2.0 comes with extended out-of-the-box ERC rules. This enables our user to use Aniah with a minimum setup process, thus eliminating hours of traditional pre-configuration for each design or technology node.



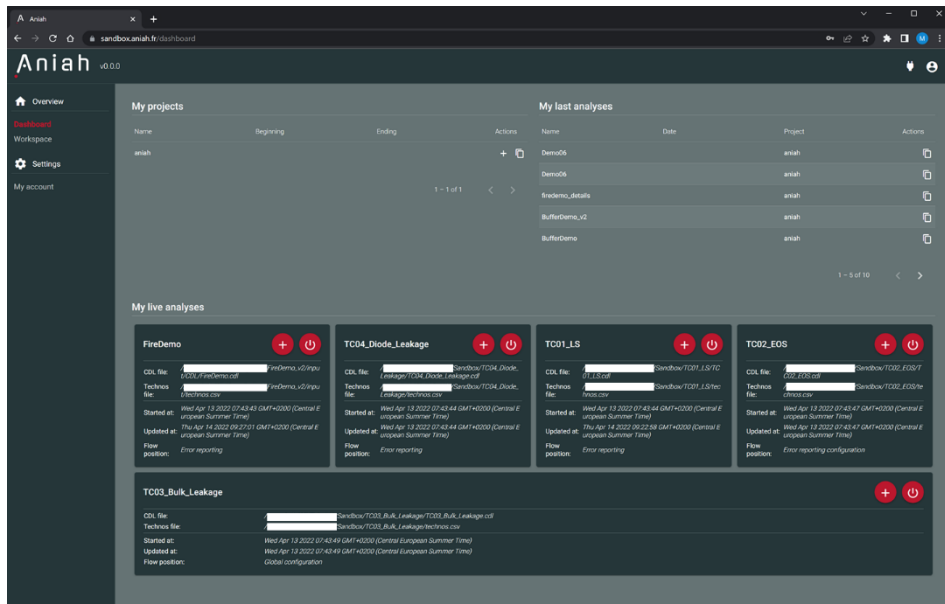
## 2. Web-based Collaborative GUI

Aniah GUI is built from the ground up with a mindset to be modern and attractive to use. It is readily accessible from any web browser.



**Fig1:** A secured web-based GUI easily deployed and locked in your local network

Once logged in, Aniah’s users are greeted with relevant information to allow them to pick up on ongoing analysis, create one from scratch or review an ERC error report with their colleagues.



**Fig2:** Aniah’s user dashboard

Presented with different live-analysis cards, Aniah’s users can choose one to follow up on them. Aniah allows multiple users to share and view an ongoing analysis in one session.

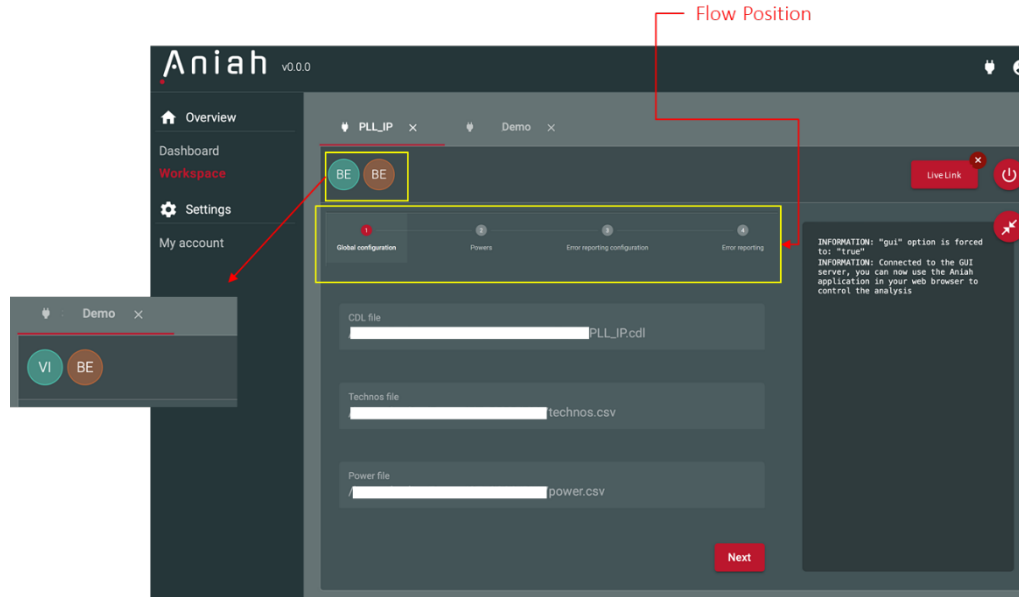


Fig3: Aniah’s user sharable and re-usable Power States setup

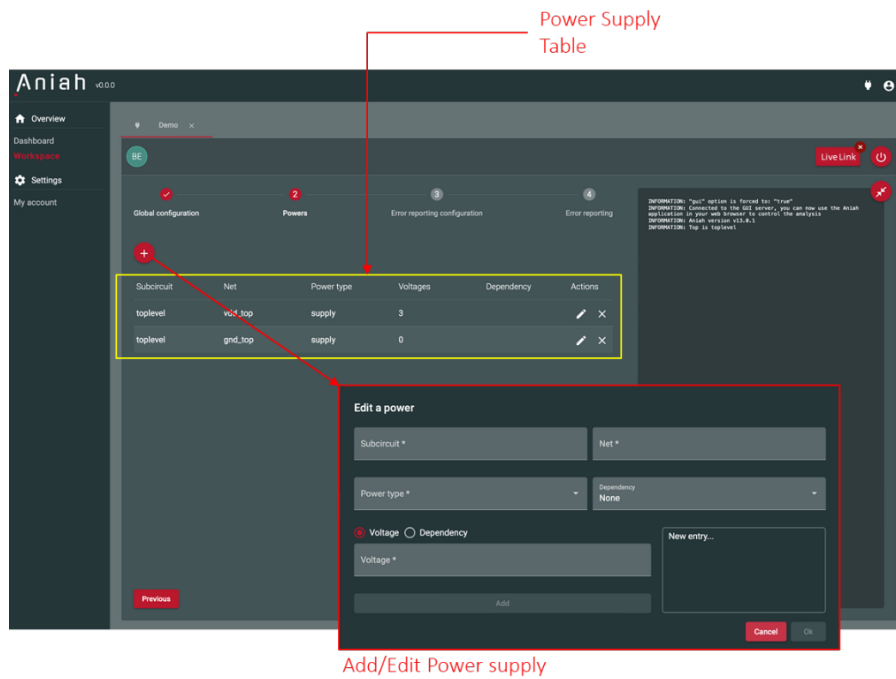


Fig4: Aniah’s user sharable and re-usable Power States setup

### 3. Detailed error-analysis logging and back-tracing

In Aniah V2.0, dynamic error reporting is introduced. This feature allows the user to tailor the error report to his/her needs.



Fig5: Aniah’s dynamic error reporting

### 4. Summary of Aniah V2.0 Key Features :

- Web-based Collaborative GUI with:
  - o Shareable Analysis and Power states setup
  - o Dynamic Error Reporting
  - o Live-Link with Schematic editors
- The improved core analysis engine with:
  - o Runtime in seconds on tens of millions of transistors designs
  - o Top-level Power Supplies detection
  - o Internal power nodes detections
  - o Advanced Path Detection in Analog (10x false errors reduction)
  - o Power Path Analysis to automatically set values on internal supplies
- A comprehensive set of errors available out-of-the-box:
  - o Power-down checks
  - o Cross-domain errors
  - o Electrical Overstress and Reliability checks
  - o Leakage detection
  - o ESD including CDM
- Customizable Error Report Templates
- Detailed Error-Analysis Log

Contact us for a hands-on Demo at [contact@aniah.fr](mailto:contact@aniah.fr)

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**Aniah** | Start-up company based in Grenoble, France. It was founded in the fourth quarter of 2019 (Q4’2019). Aniah provides an ERC formal circuit checker which verifies the IC design database against structural errors – violations of the circuit design good practices.

As of 2021, Aniah’s team consists of 14 full-time employees (10 R&D engineers). Aniah’s first commercial product was deployed in Q4’2020.