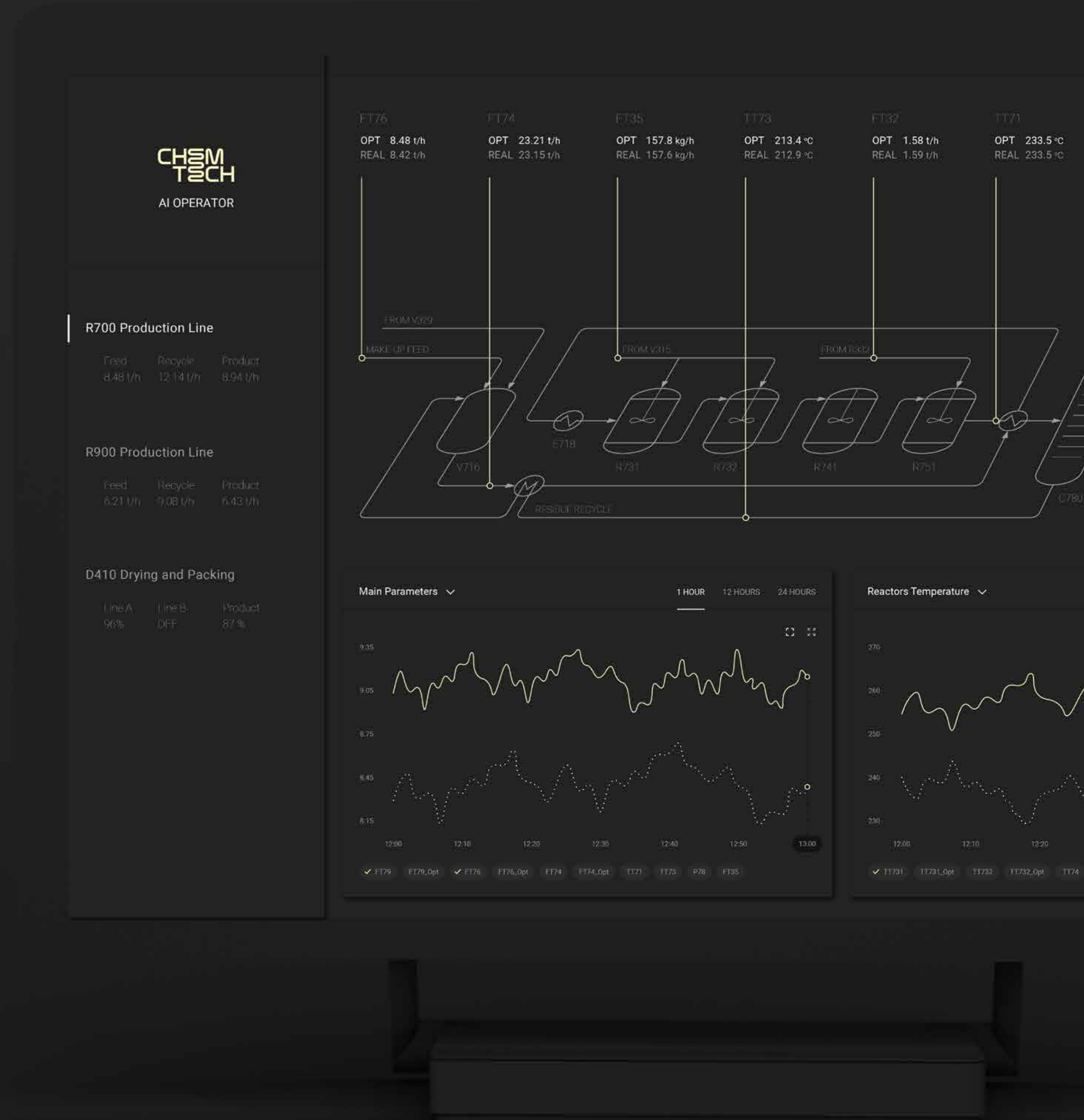




## Cosmetic Case Study

# AI-Powered Autonomous Production

AI Operator is an adaptable software that supports fully autonomous production. It provides optimal set points in real-time to improve yield, product quality, and eliminate losses.



# Easy to Implement on Any Factory



## Zero Investment

No need to install new sensors or any hardware



## Rapid Result

3 weeks from the initial meeting to a commercial operation



## Universal

Compatible with 30-year-old industrial automatization system



## Scalable

Ready to scale across different manufacturing sites

# Cosmetic Case Study

#1 fine chemical producer in the US faced overage waste issues with poor product quality on the mixing reactor production line.

## Problems



Low Production Rate



Off-Spec Products



Human Mistakes



Unexpected Downtime

## Results

	Product Within Specs	Production Waste	GHG Emissions	Money Per Year
Humans	73%	27%	28	- \$3,310,000
AI Operator	96%	4%	0	+ \$3,040,000

## Timeline



### Day 1

The customer shared a 1-year historical data from the sensors and laboratory.



### Day 7

We cleaned and reconstructed the data, utilized it to customize AI models.



### Day 14

Connection to the process automatization system, industrial testing.



### Day 21

Commercial operation in fully autonomous mode.



### Day 60

Connecting the additional production line to the AI Operator.

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