





# Full-stack



Pay-as-you-go



Push-button



Push-button



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# Full-stack





Vigor enables practical verification of  
software network functions.



Virtualized networks

Critical infrastructure, but unreliable software

Nonoperators and novice verification experts

- Virtualized networks
- Critical infrastructure, but unreliable software
- NF operators and devs have no verification expertise



Push-button



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No human effort, nor verification expertise

- Traditional verification cost: 5-10x development effort<sup>†</sup>
- Ultimate goal: zero-cost verification

<sup>†</sup>seL4 [SOSP 2009]  
Ironclad [OSDI 2014]  
HACL\* [CCS 2017]