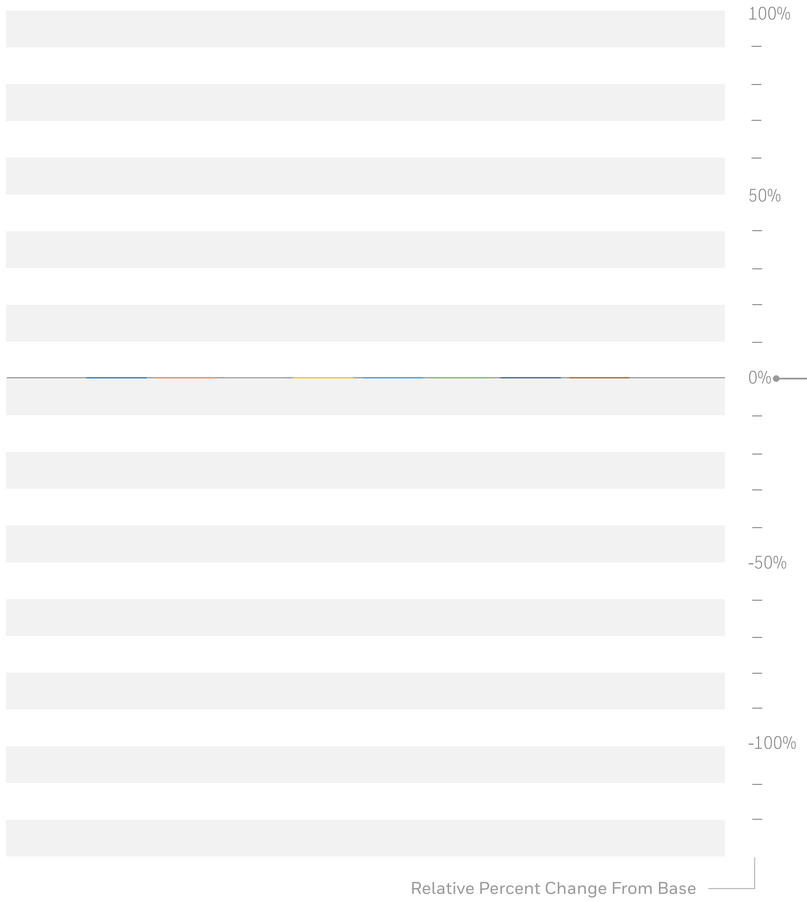
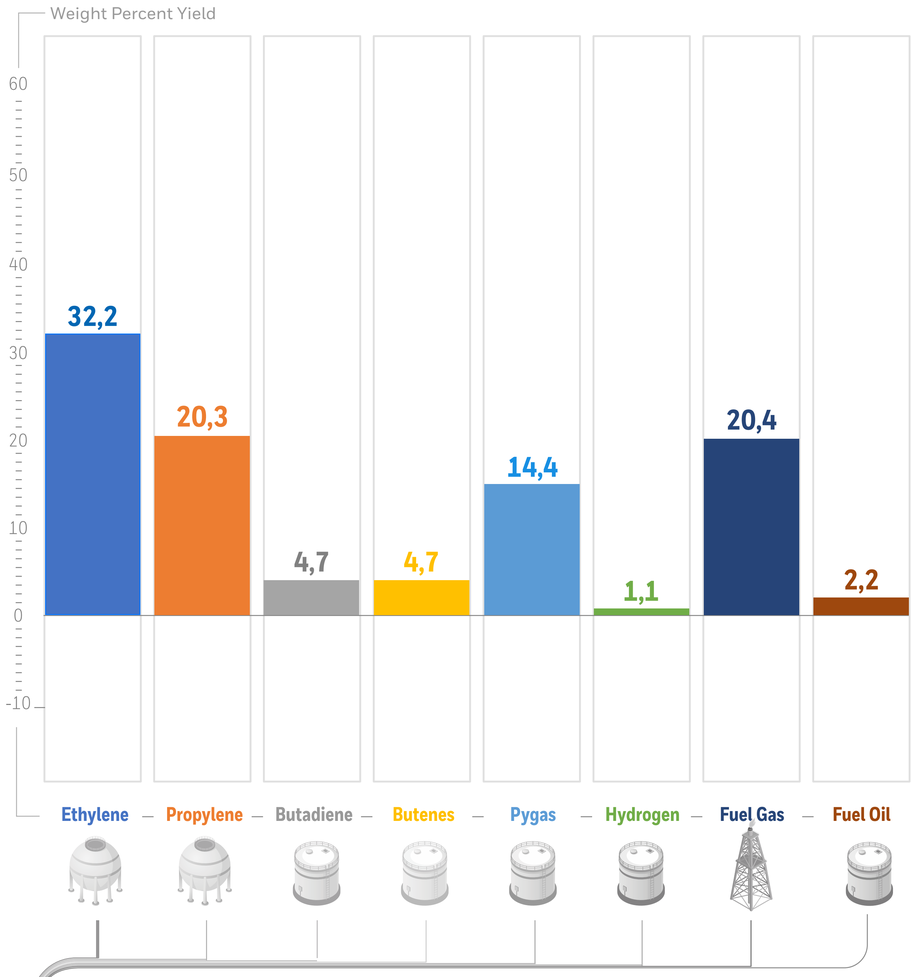
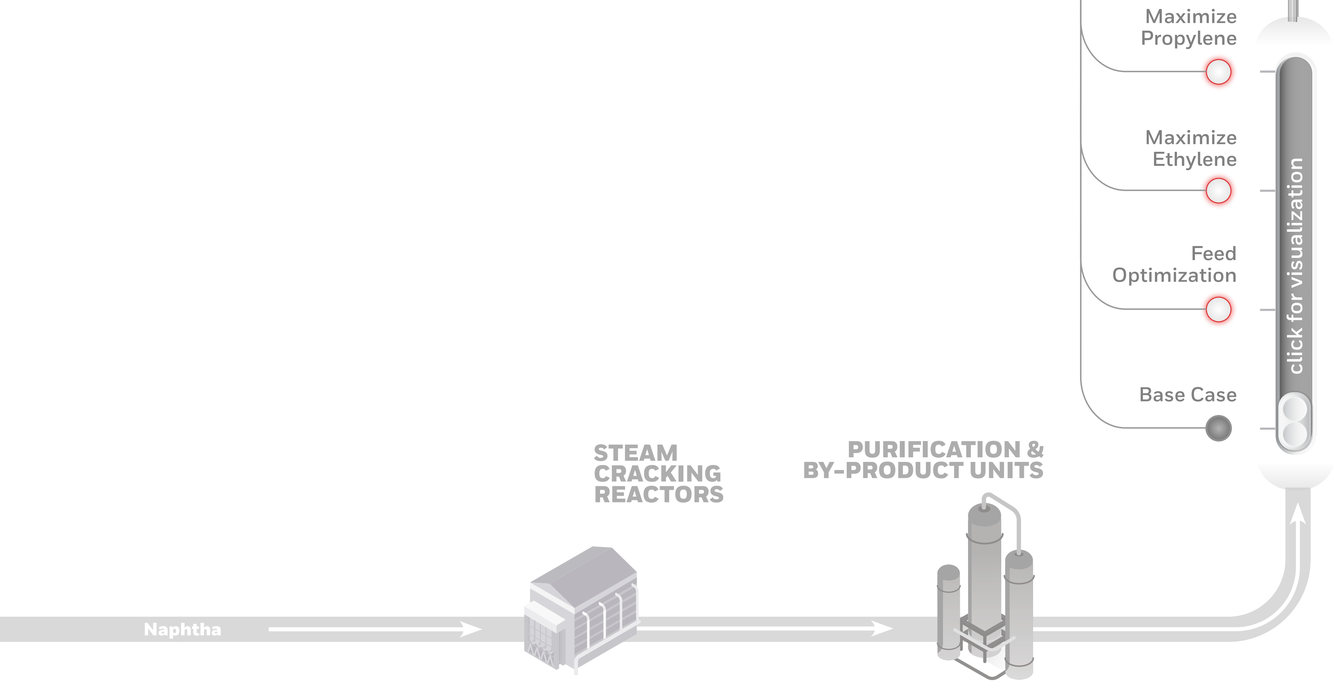




BASE CASE

A traditional naphtha cracker generates ethylene, propylene and a number of by-products that need to be separated and purified for downstream use.
The generation of significant amounts of lower value by-products creates a drag on profitability.



EXPAND YOUR PROFITS UNLEASH THE POTENTIAL OF YOUR NAPHTHA CRACKER

The Honeywell UOP Integrated Olefin Suite (IOS) is an innovative take on proven technologies designed to unleash the potential of your naphtha cracker. IOS gives you the ability to meet your needs to improve ROI, increase operating profits, reduce CO_2 footprint and enjoy an unprecedented level of control over by-products[1,2]

* Internally generated yield information predicted using purchased commercial steam cracking model (CoilSim) and UOP proprietary models. The data compares the steam cracking yields for different IOS configurations targeting different products to a steam cracker processing a typical light naphtha. This graph is for illustration purpose only. Actual results will depend on a variety of factors including specific customer feed properties.

[1] Based on customer (ID# 0030) study using standard Honeywell-UOP process simulations to generate a side-by-side comparison of a crude to olefins complex using conventional technology and a crude to chemicals complex with the UOP Integrated Olefin Suite including MaxEne, IsoFlex, Oleflex and AroFlex. Dated: Sept 2021

[2] Based on customer (ID# 0031) study using standard Honeywell-UOP process simulations to generate a side-by-side comparison of a crude to olefins complex using conventional technology and a crude to chemicals complex with the UOP Integrated Olefin Suite including MaxEne, IsoFlex, Oleflex and AroFlex. Dated: Sept 2021

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