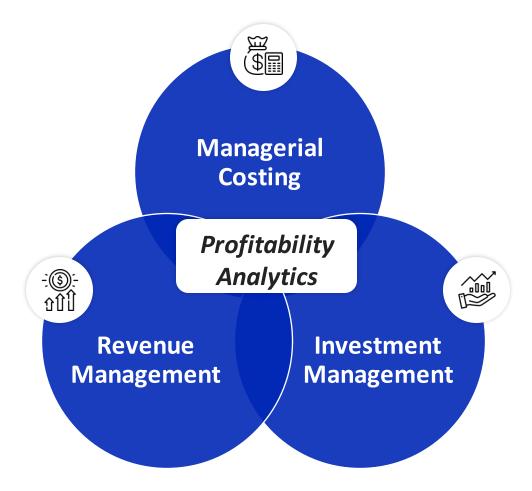






Profitability Analytics

The point where Revenue Management, Investment Management and Managerial Costing intersect





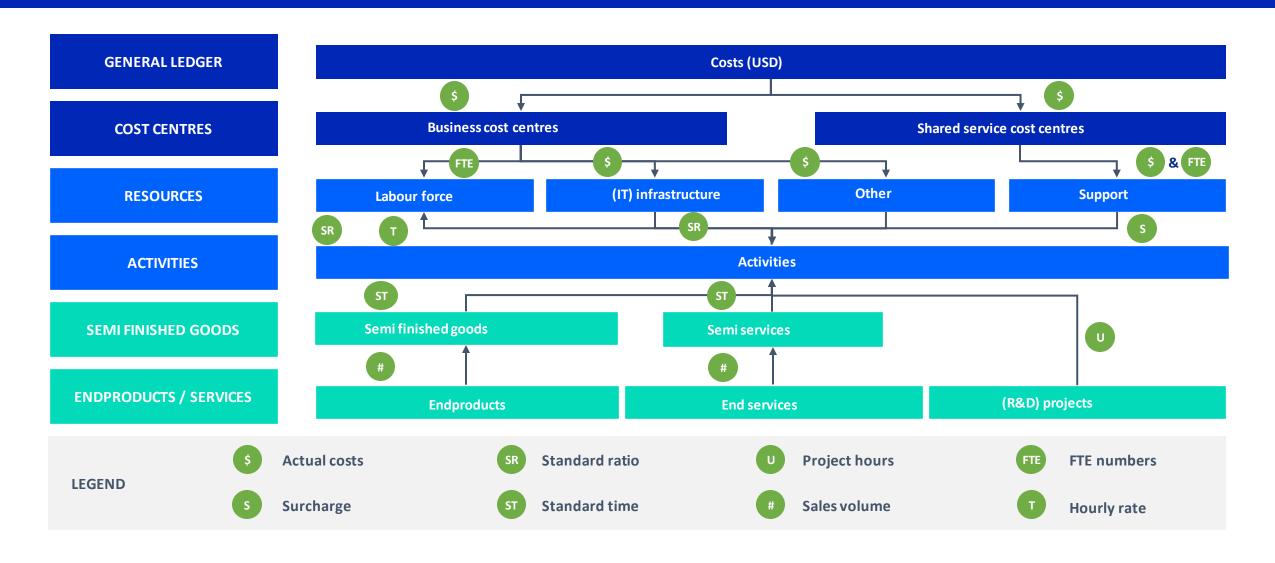


The basic concept: ABC



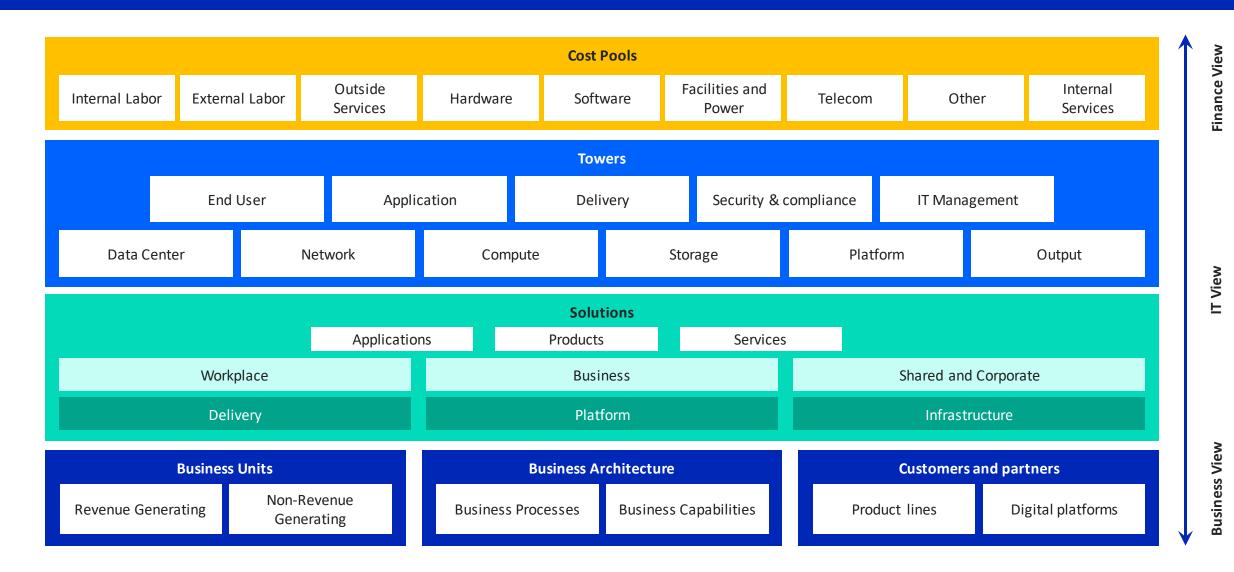
Important terms in relation to cost price modelling





Shared Service Example: TBM Taxonomy





Source: TBM Council

Example Exercise:





CALCULATE THE COST ALLOCATIONS, USING THE FOLLOWING INFO

IT \$1000 Driver: # IT requests

300 FTE 500 Invoices 200 IT requests FINANCE \$2000 Driver: # Invoices

100 FTE500 Invoices300 IT requests

HR \$3000 Driver: # FTE

200 FTE 1000 Invoices

500 IT requests

FRONT OFFICE 1

2500 FTE10k Invoices600 IT requests

FRONT OFFICE

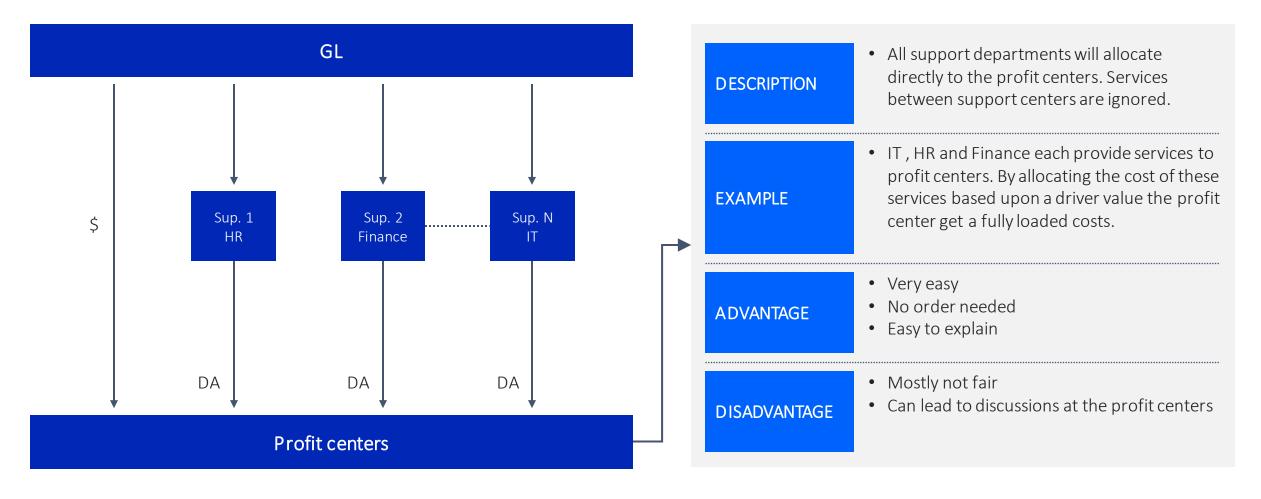
4000 FTE
3k Invoices
50 IT requests

How to get to fully loaded cost? The support departments dilemma (1/4)



\$ = direct flow from GL to centers DA = Direct attributable, driver based

1. THE DIRECT ALLOCATIONS

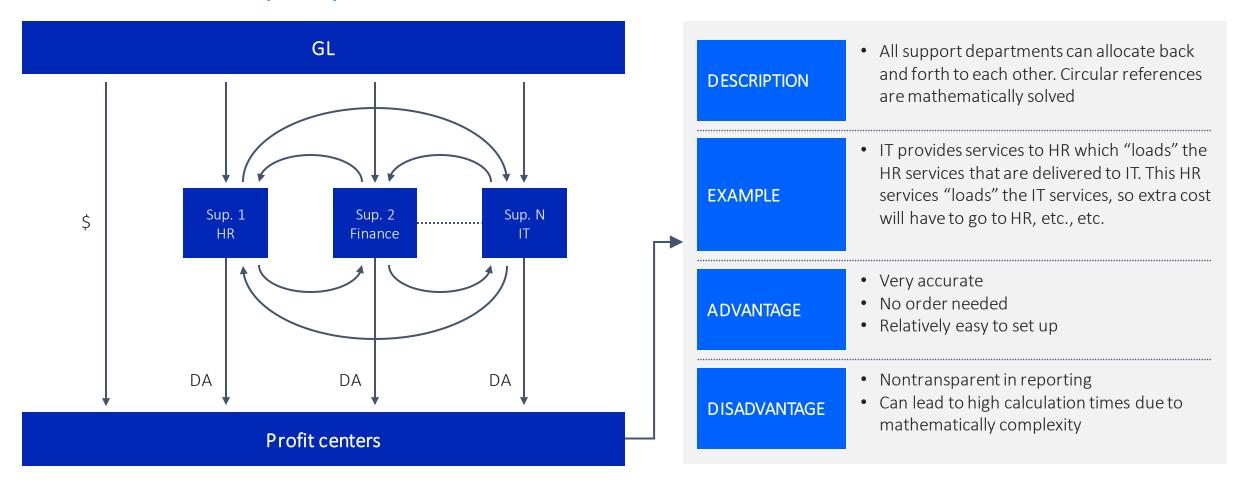


How to get to fully loaded cost? The support departments dilemma (2/4)



\$ = direct flow from GL to centers DA = Direct attributable, driver based

2. THE RECIPROCAL (LOOP) ALLOCATIONS

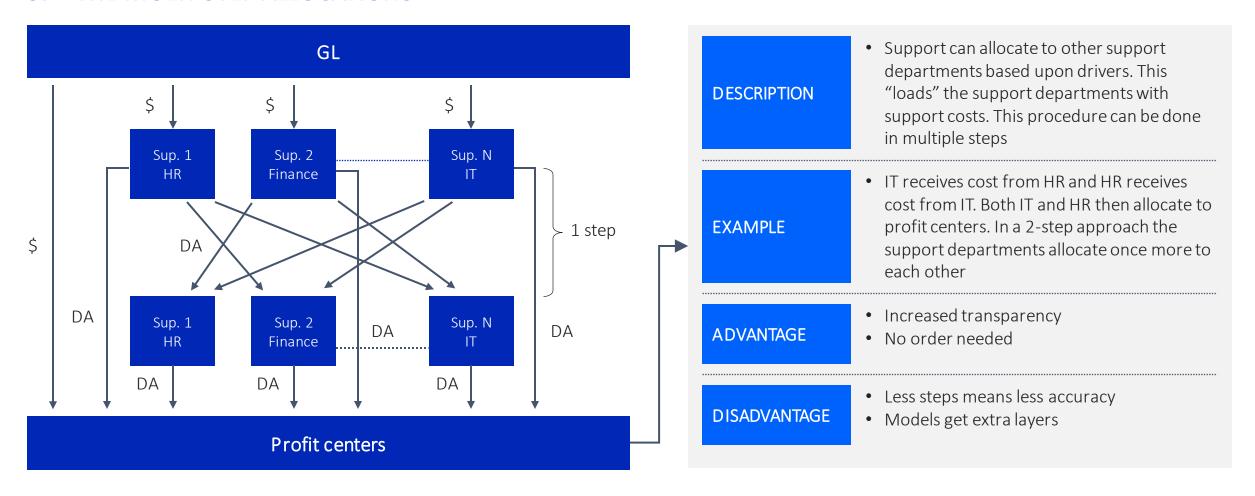


How to get to fully loaded cost? The support departments dilemma (3/4)



\$ = direct flow from GL to centers DA = Direct attributable, driver based

THE MULTI-STEP ALLOCATIONS

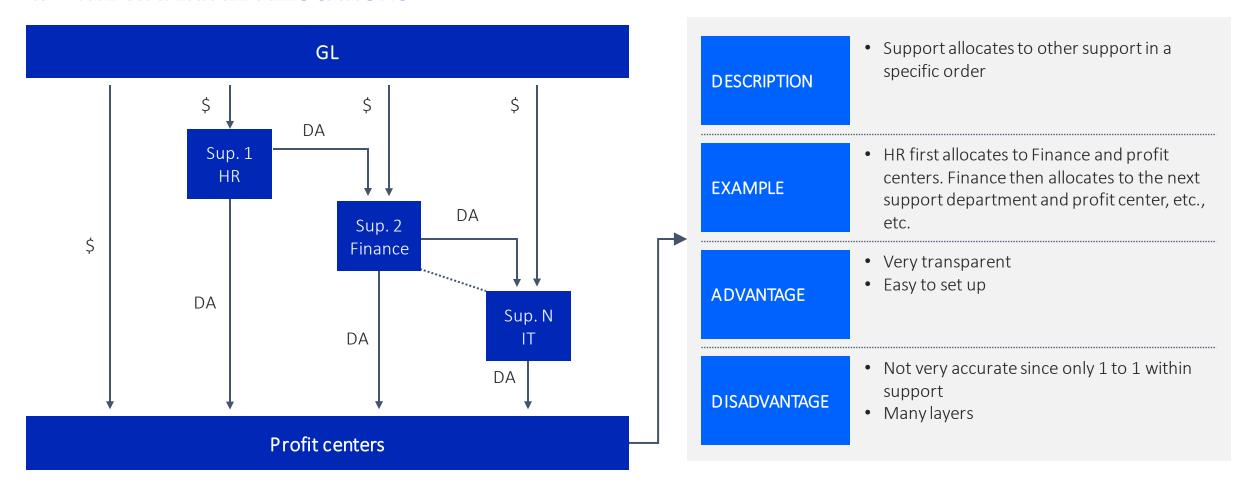


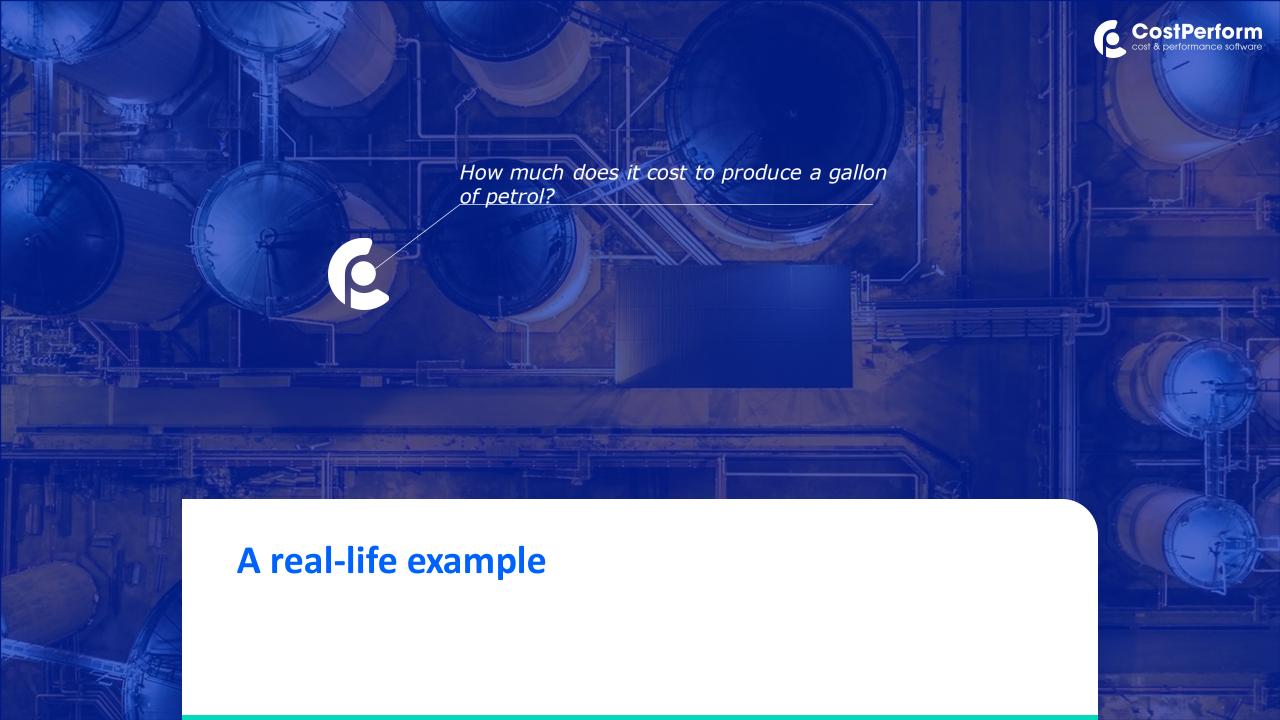
How to get to fully loaded cost? The support departments dilemma (4/4)



\$ = direct flow from GL to centers DA = Direct attributable, driver based

4. THE WATERFALL ALLOCATIONS



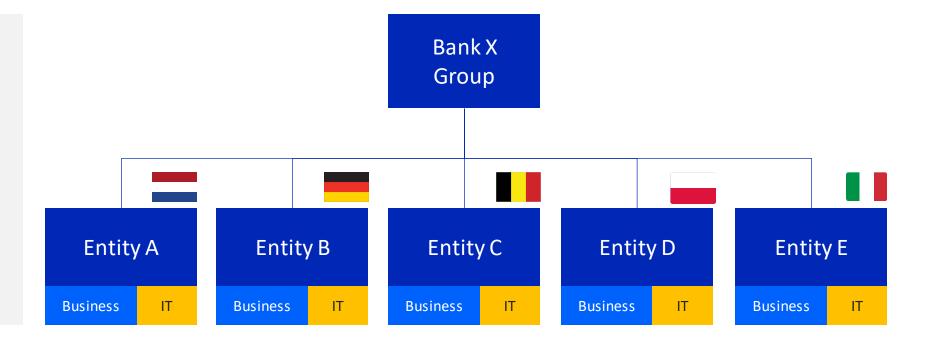






TRADITIONAL SITUATION:

All entities are serviced by their own IT departments

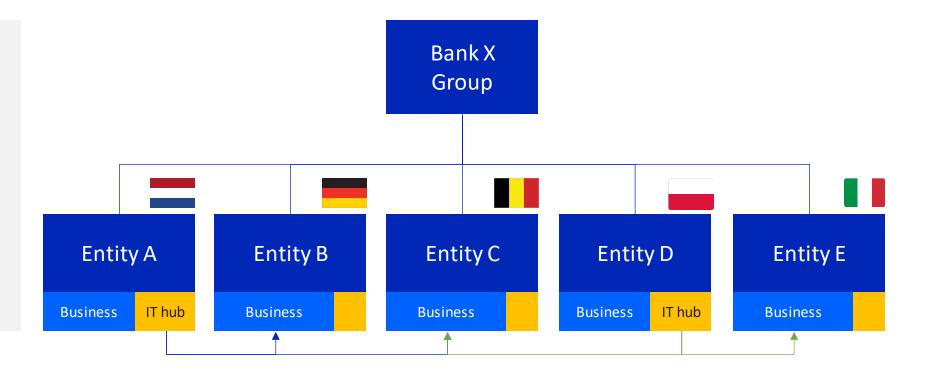






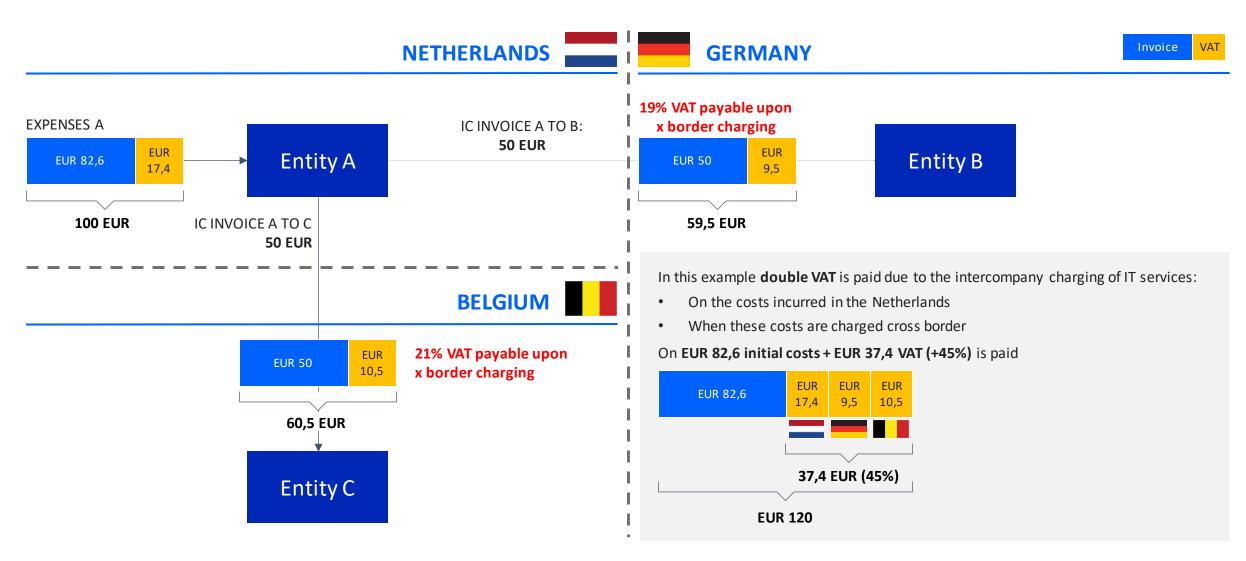
TRANSFORMATION FROM TO IT (SERVICE) HUBS HAS HUGE BENEFITS:

Use latest technology
Uniform use of technology
Economies of scale
Attract talent





Issue of double VAT in the European financial sector explained







WHERE DO WE SEE BIG NEGATIVE IMPACT?



Financial Services Industry



In Europe



With x border service centers



WHAT IS THE IMPACT?

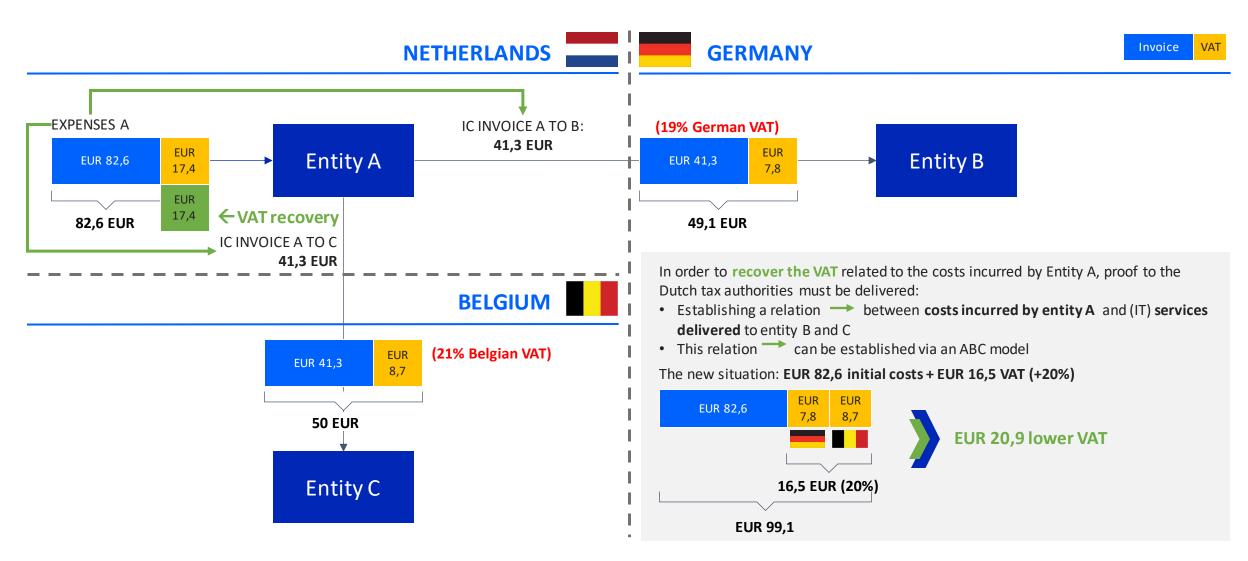
- In the example: + 20% expenses
- On a EUR 50m flow: + EUR 10m
- Impact calculations should be lowered with % non-VAT bearing costs like wages

CAN THE DOUBLE VAT BE MITIGATED?

- Yes, it is not the intention of the legislator to create a situation of double taxation
- Therefore, multiple European countries have a 'reverse charge procedure' (in Dutch: 'verleggingsregeling')
- The essence of the procedure is that if a Financial Services company can **prove** that the **expenses** it is **incurring** are for **(IT) services to be charged to other countries**, the **initial VAT** on these expenses **can be recovered**. This way, the VAT is only paid in the countries where these services are utilized

BASIC Concept of the 'Reverse charge Procedure'







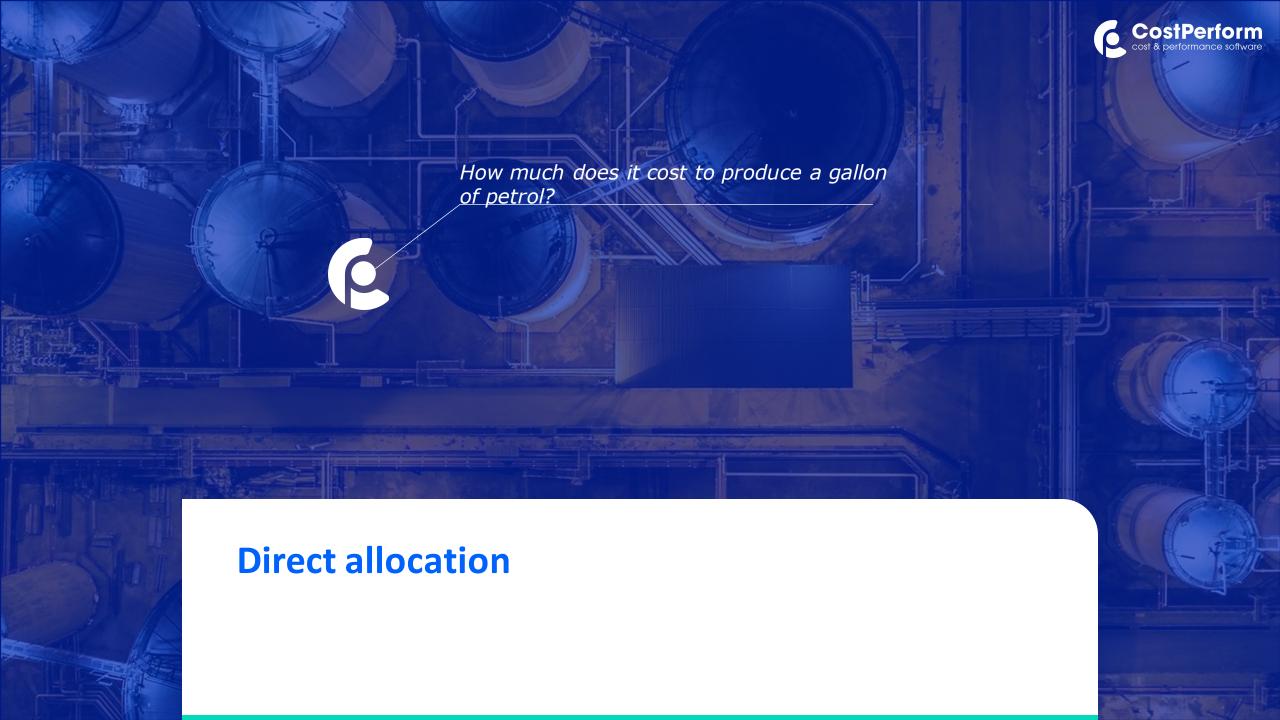


Thank you!



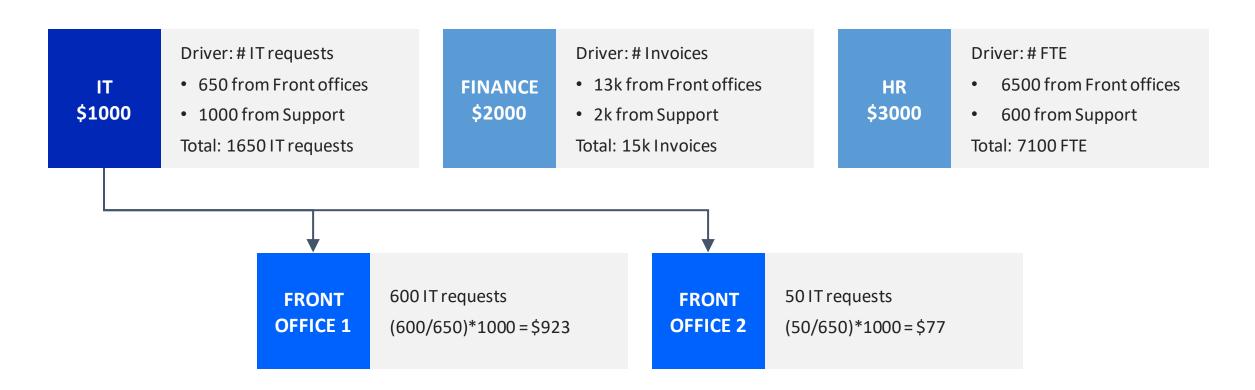


Appendix: Calculation examples



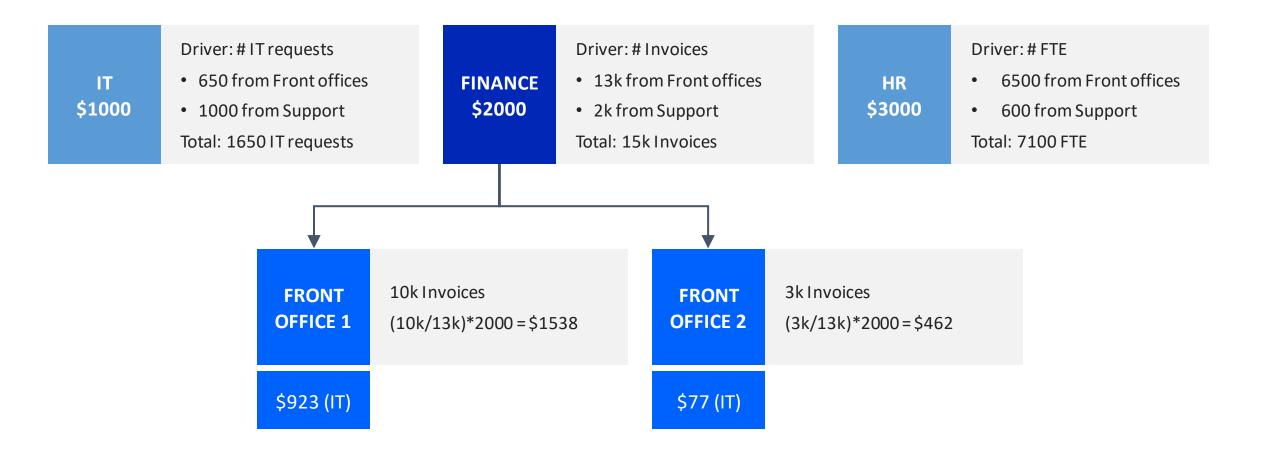
The direct allocations 1/4





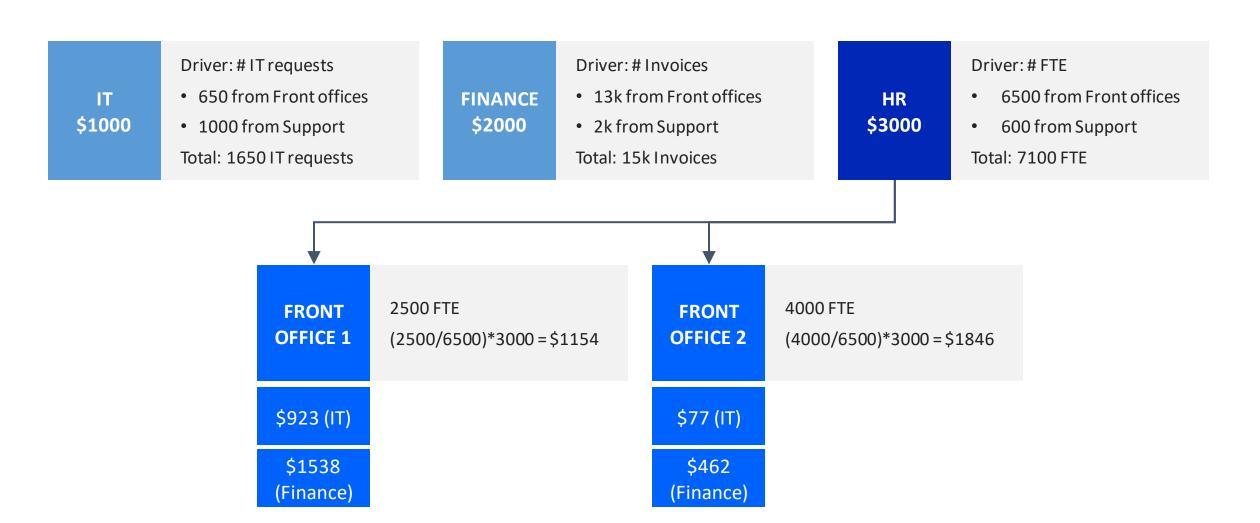
The direct allocations 2/4





The direct allocations 3/4





The direct allocations 4/4



IT \$1000 Driver: # IT requests

• 650 from Front offices

• 1000 from Support

Total: 1650 IT requests

FINANCE \$2000 Driver: # Invoices

• 13k from Front offices

• 2k from Support

Total: 15k Invoices

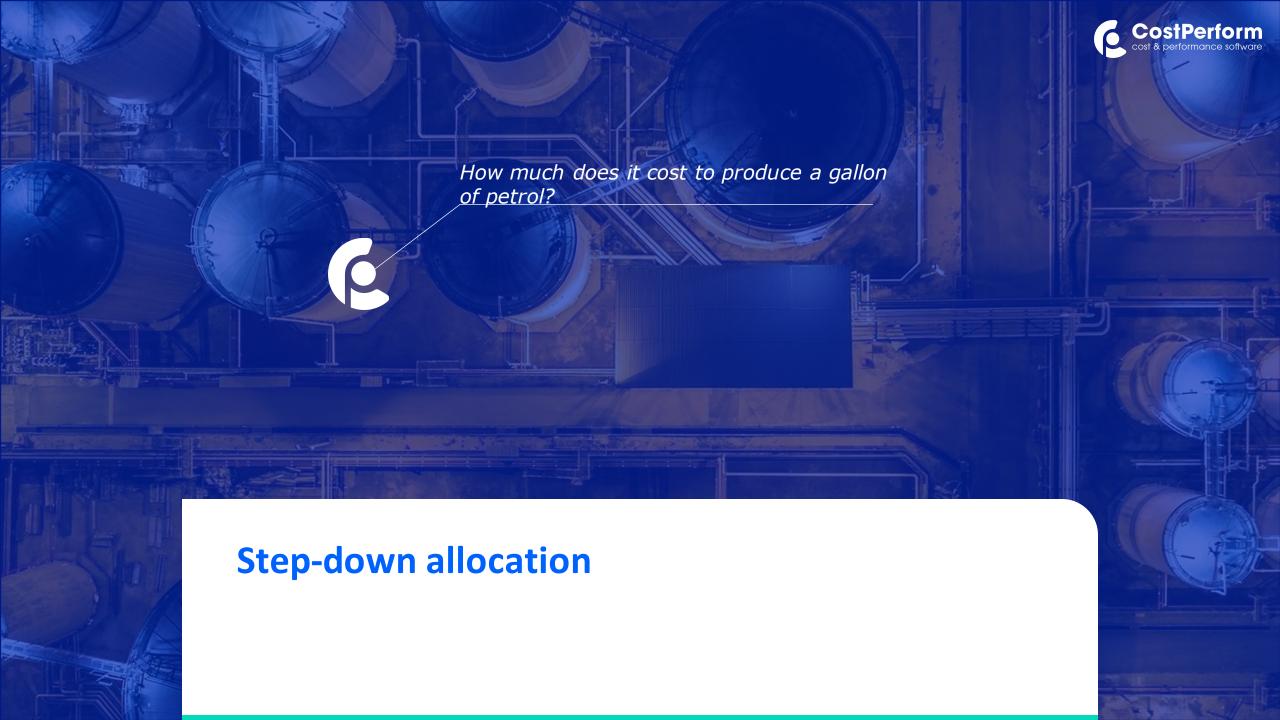
HR \$3000 Driver: # FTE

• 6500 from Front offices

• 600 from Support

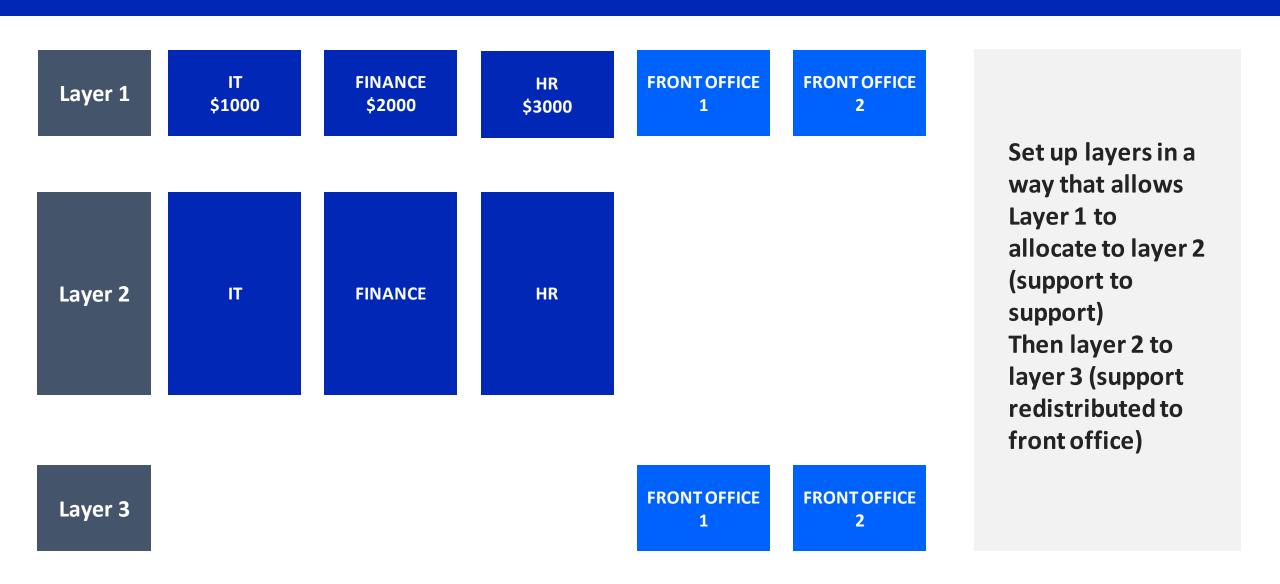
Total: 7100 FTE

FRONT OFFICE 1	2500 FTE 10k Invoices 600 IT requests	FRONT OFFICE 2	4000 FTE 3k Invoices 50 IT requests
\$923 (IT)		\$77 (IT)	
\$1538 (Finance)	Total: \$3615	\$462 (Finance)	Total: \$2385
\$1154 (HR)		\$1846 (HR)	



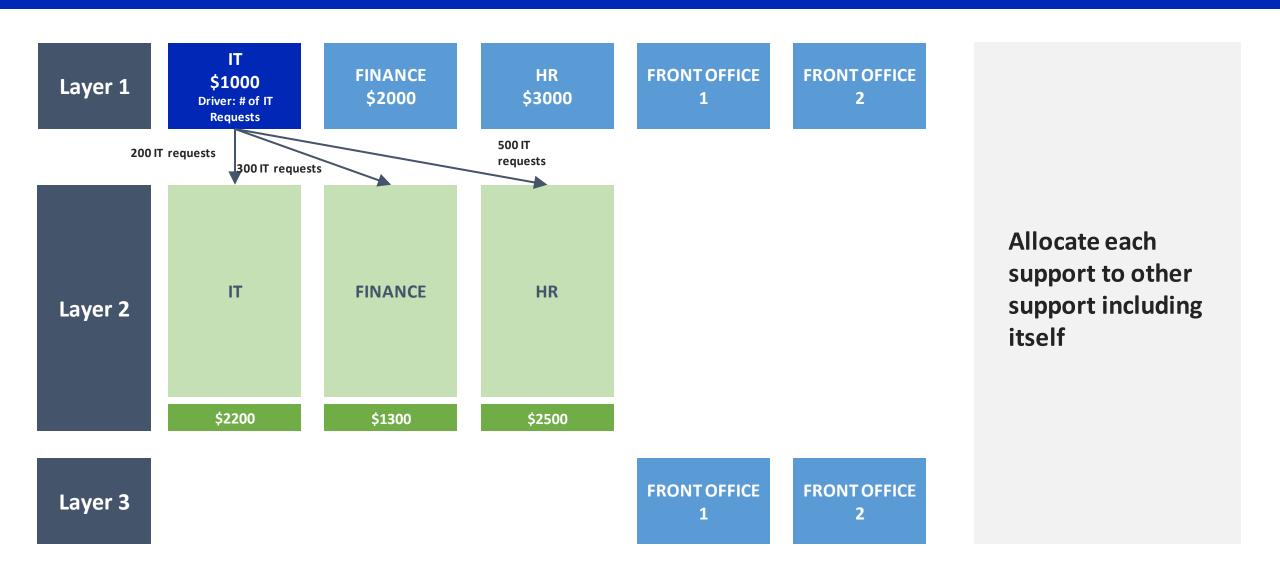
The step-down allocations 1/11





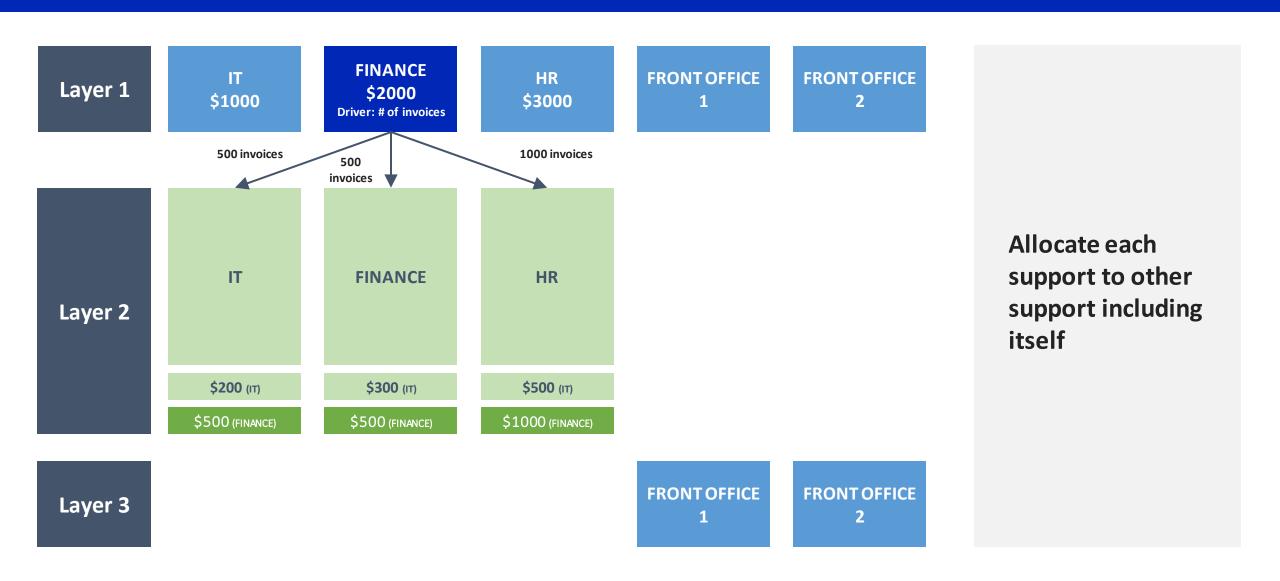
The step-down allocations 2/11





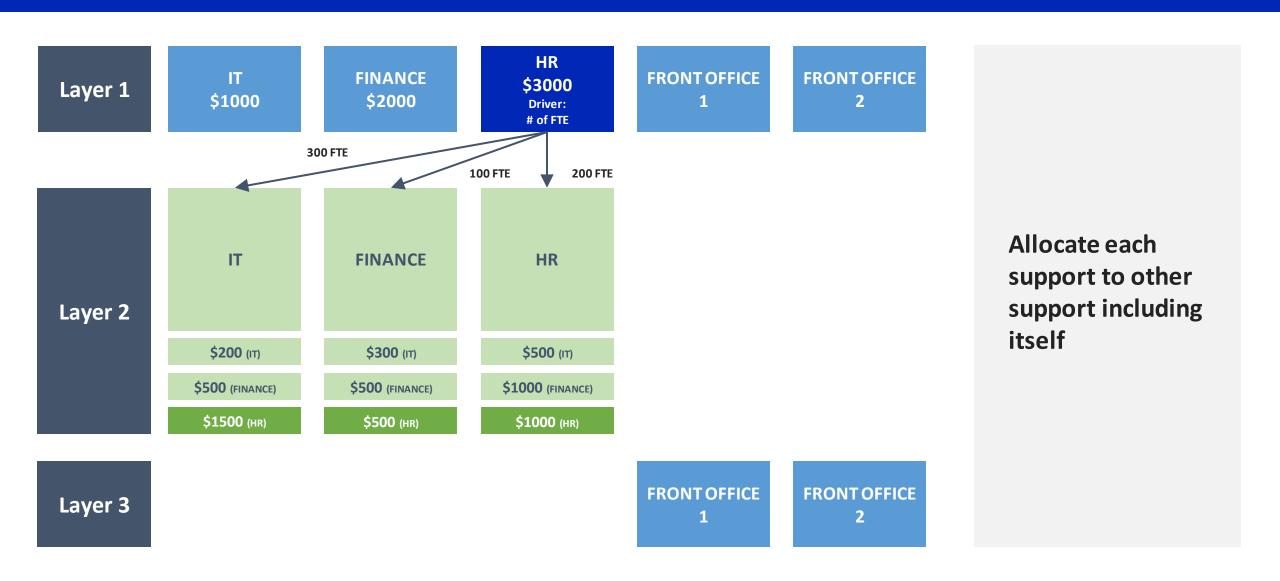
The step-down allocations 3/11





The step-down allocations 4/11





The step-down allocations 5/11





The step-down allocations 6/11



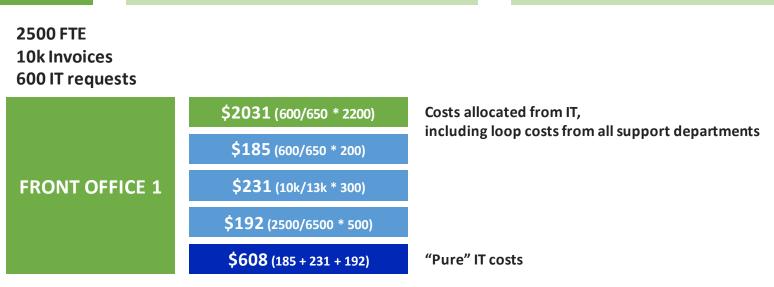


The step-down allocations 7/11



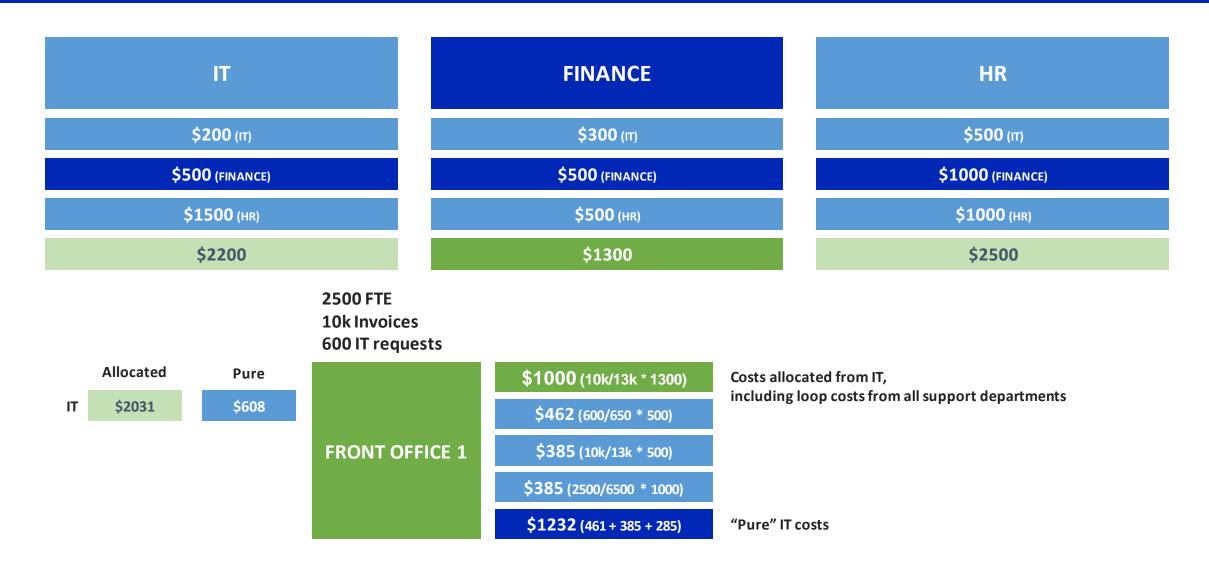


We can calculate the allocated costs from the IT department to front office 1, and the "pure" IT costs from IT itself, Finance and HR.



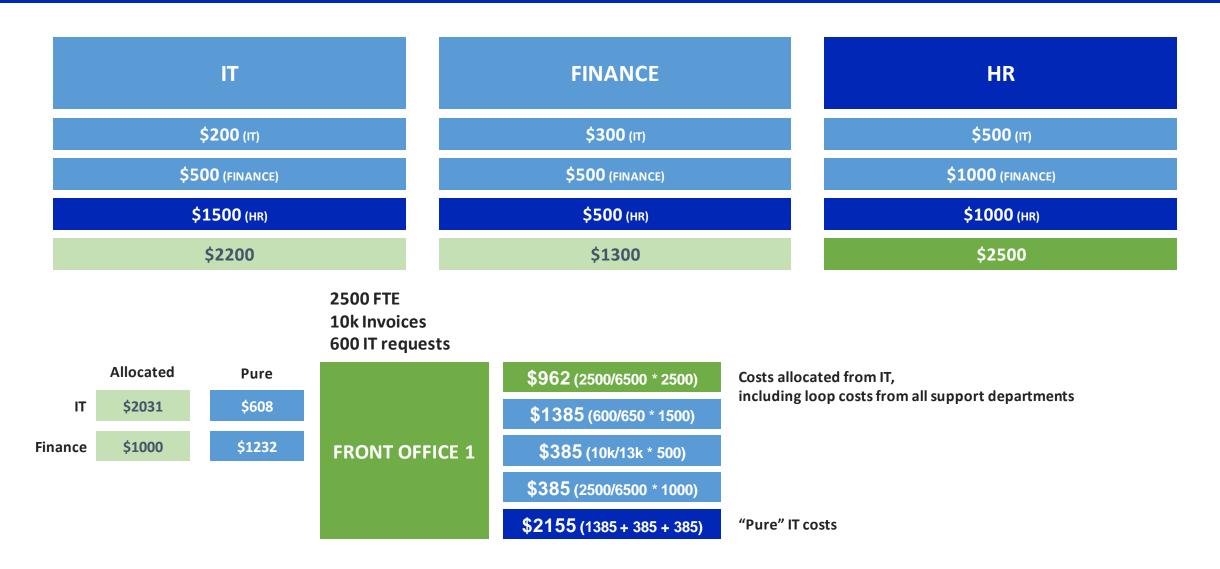
The step-down allocations 8/11





The step-down allocations 9/11

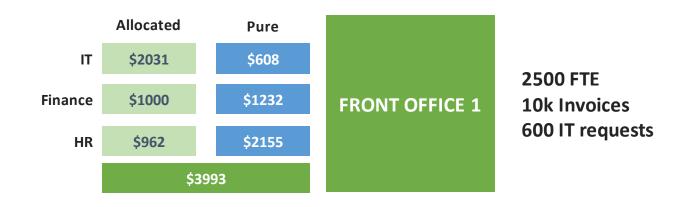




The step-down allocations 10/11



IT	FINANCE	HR
\$200 (IT)	\$300 (ІТ)	\$ 500 (IT)
\$500 (FINANCE)	\$500 (FINANCE)	\$1000 (FINANCE)
\$1500 (HR)	\$500 (HR)	\$1000 (HR)
\$2200	\$1300	\$2500



The step-down allocations 11/11



\$200 (IT)
\$500 (FINANCE)
\$1500 (HR)
\$2200

Driver: # IT requests

300 FTE

500 Invoices

200 IT requests

\$300 (IT)
\$500 (FINANCE)
\$500 (HR)
\$1300

Driver: # Invoices

100 FTE

500 Invoices

300 IT requests

Drive

\$500 (IT)

\$1000 (FINANCE)

\$1000 (HR)

\$2500

Driver: # FTE

200 FTE

1000 Invoices

500 IT requests

