

THE IMPACT OF AUTOMATION ON IT OPERATIONS

Are you ready for the software-defined datacentre?



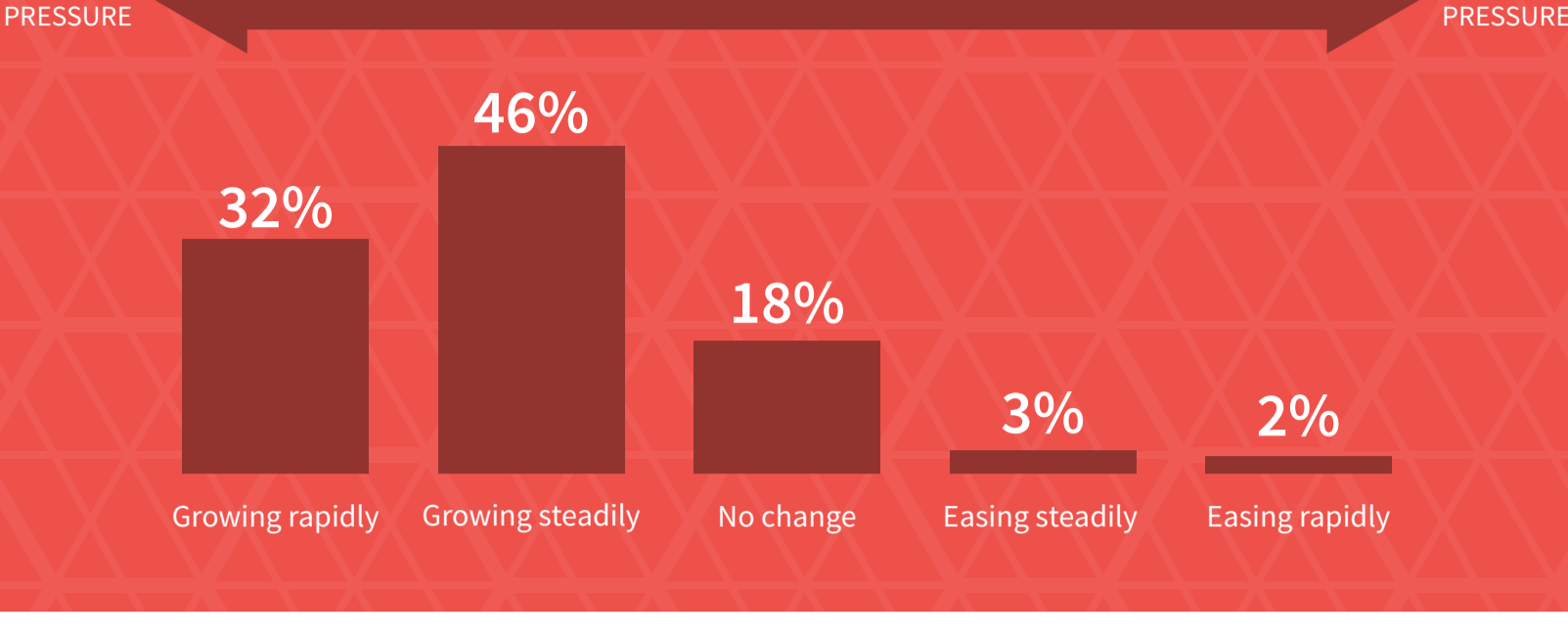
in association with



During a recent research study 156 senior IT professionals from medium and large enterprises told us about the challenges IT operations have to meet to deliver complex, rapidly changing business requirements.

IT OPERATIONS ARE UNDER INCREASING PRESSURE

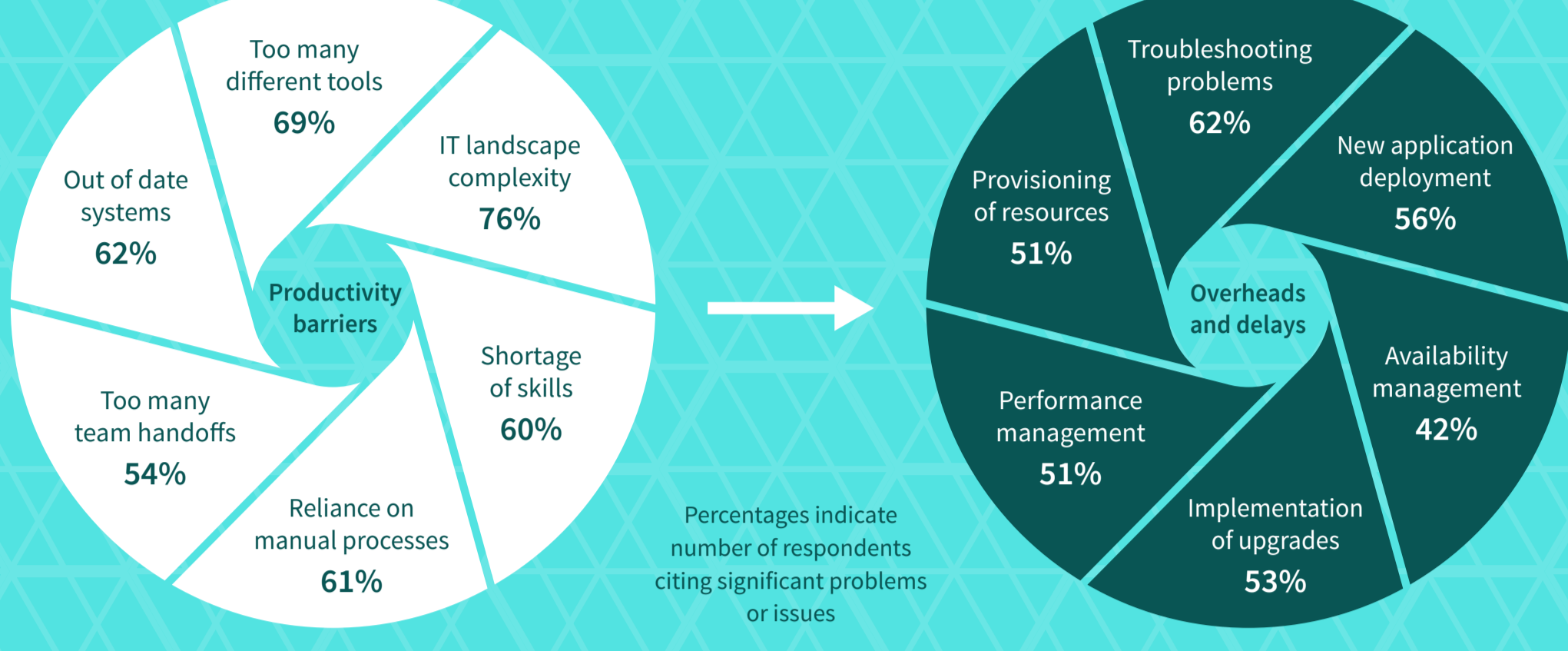
How is pressure on your IT infrastructure and operational processes trending, e.g. in relation to changing business demands and expectations?



Business depends evermore on IT, putting more pressure on IT operations.

IT staff have little time to react to new demands.

EXISTING SYSTEMS LIMIT IT PRODUCTIVITY AND LEAD TO DELAYS



Existing IT Infrastructure relies on human resources to function efficiently.

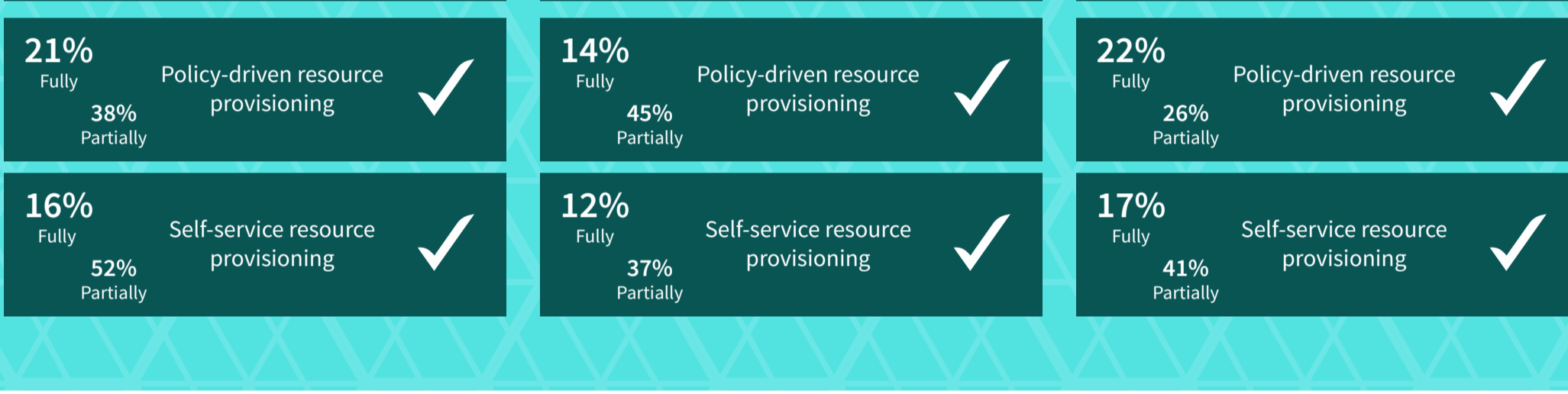
AUTOMATION IS NEEDED

The need for automation in key areas is widely recognised



BUT ISN'T WIDELY AVAILABLE!

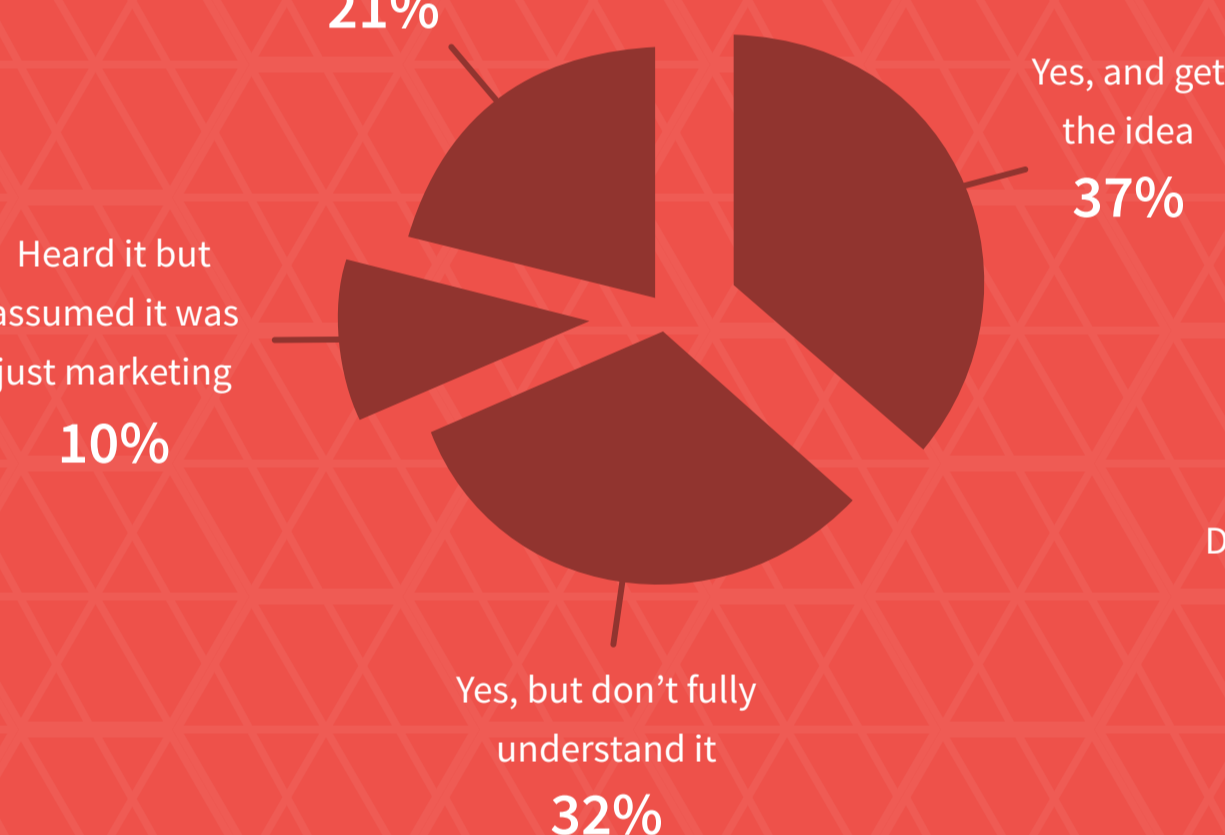
To what degree have you implemented the following types of automation in a production environment?



SDDC TO THE RESCUE?

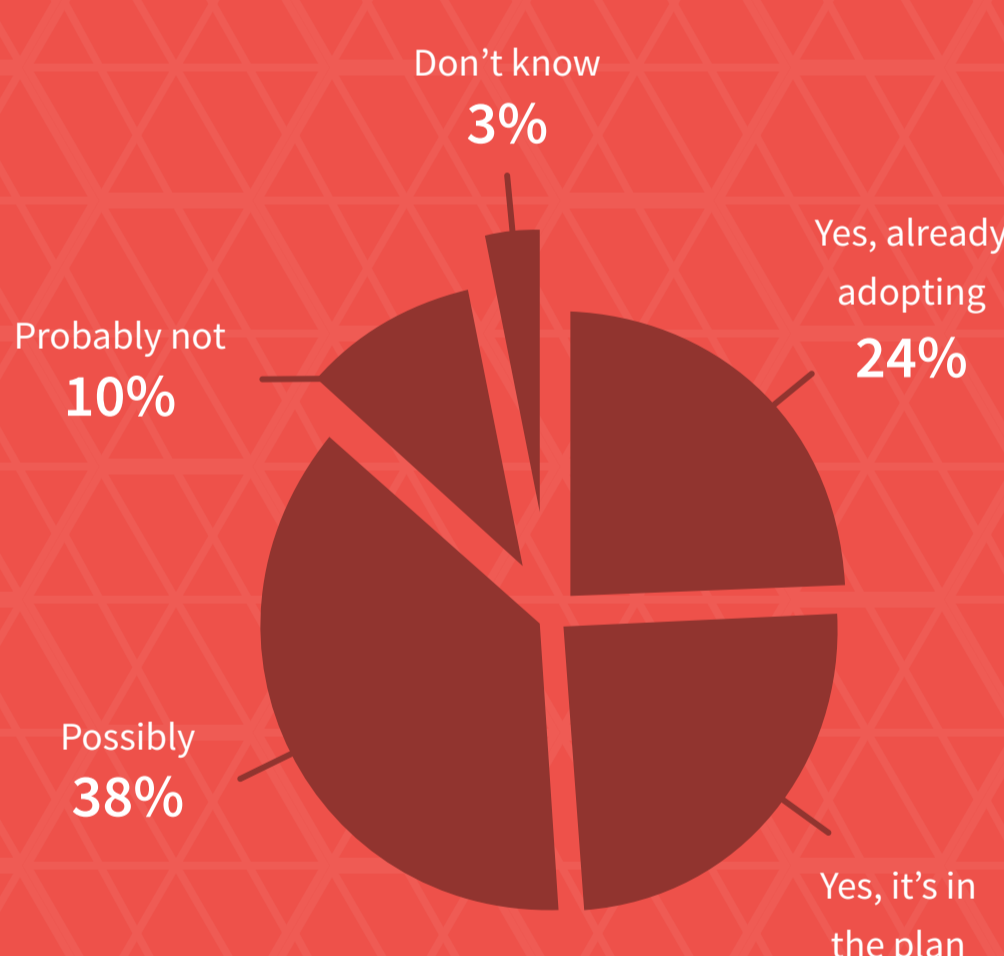
The kind of automation capability we have just been through is often associated with the concept of the 'Software-Defined Datacentre'.

Are you familiar with this term?



There's a lot of talk about the software-defined data centre (SDDC) as a route to enabling the automation of IT operations.

Do you see the software-defined datacentre concept being relevant in your environment?



And many see potential opportunities in implementing such solutions.

ON WHAT PLATFORMS WILL SDDC SOLUTIONS BE BUILT?

In many ways, SDDC solutions build on the foundation laid by the various virtualisation stacks that are commonplace in mainstream IT landscapes.

Do you currently make significant use of any of the following virtualisation stacks?



Extending from virtualisation stacks to SDDC / Cloud solutions is a logical progression, and two commercial vendors appear have hit the mark with their SDDC propositions. And the same is true of OpenStack coming from the open source arena.

Do these solutions figure in your plans and activities for on-premise IT?



SDDC IS NOT JUST ABOUT SOFTWARE

SDDC solutions must be implemented in hardware. Do you put it together yourself, get someone else to do it for you? But if you need to move quickly with less risk and have a single vendor support your SDDC environment pre-integration could be the way to go.

Benefits of pre-integration (seen as compelling or worthwhile)

80% Faster and more efficient delivery

81% Minimisation of implementation cost

69% Working around skills and experience constraints

83% Minimisation of implementation risk



For a full discussion of the research, please see the report entitled

"The Impact of Automation on IT Operations Are you ready for the software-defined datacentre?"

Downloadable from the Fujitsu website [here](#)