Modernizing legacy applications - the Micro Focus way

A case study
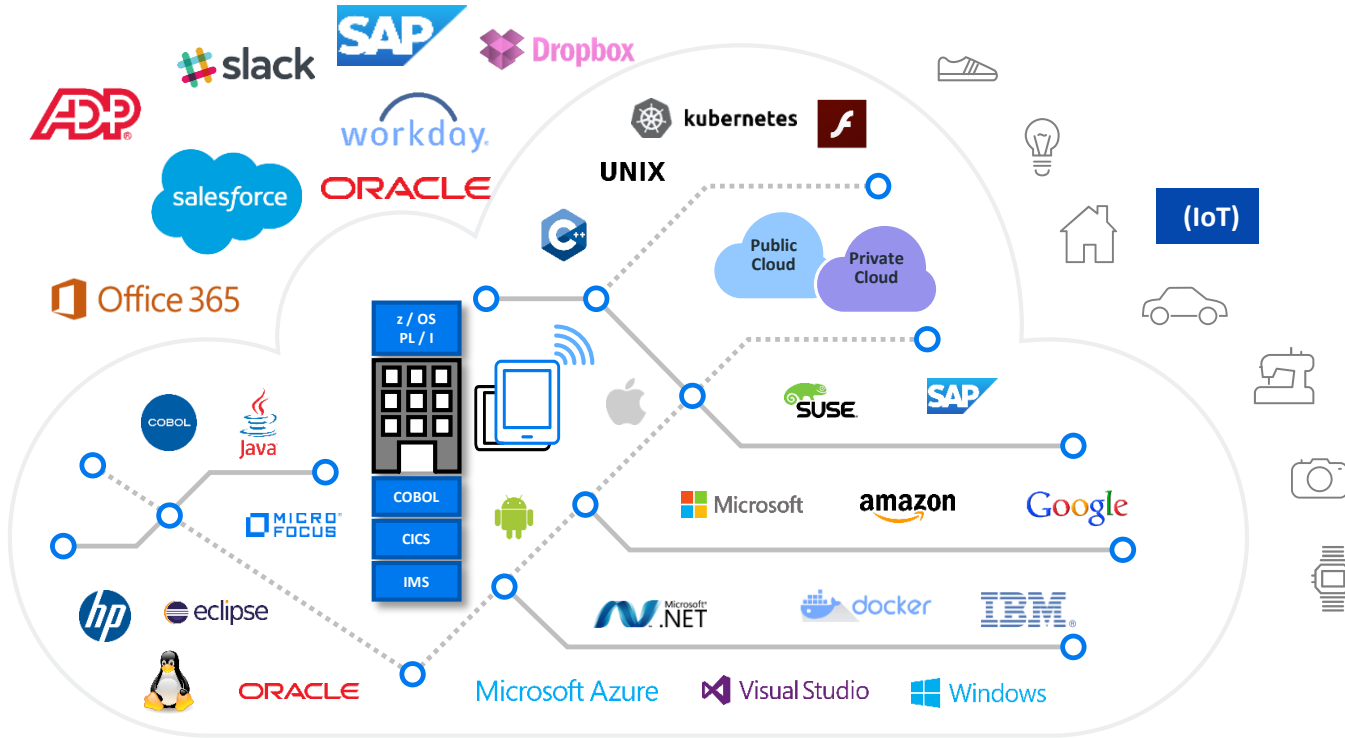
Gur Nedivi
Sales Director
gur.nedivi@microfocus.com
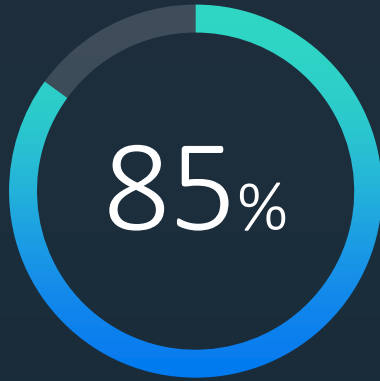
October 2019

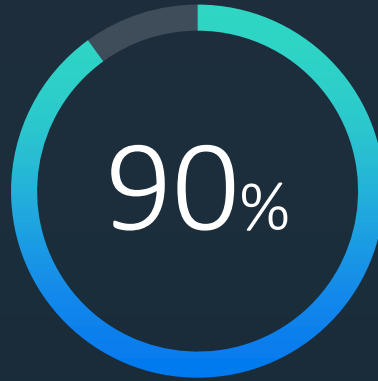# Today's Enterprise is Hybrid

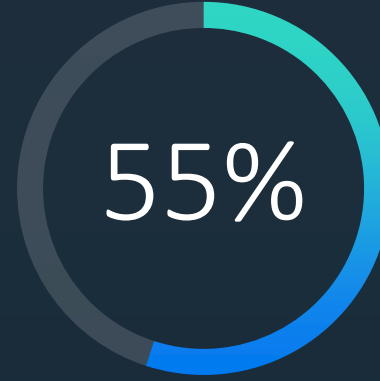Large global enterprises have continually responded to waves of change

Where's the Value?

85% — Core apps remain strategic

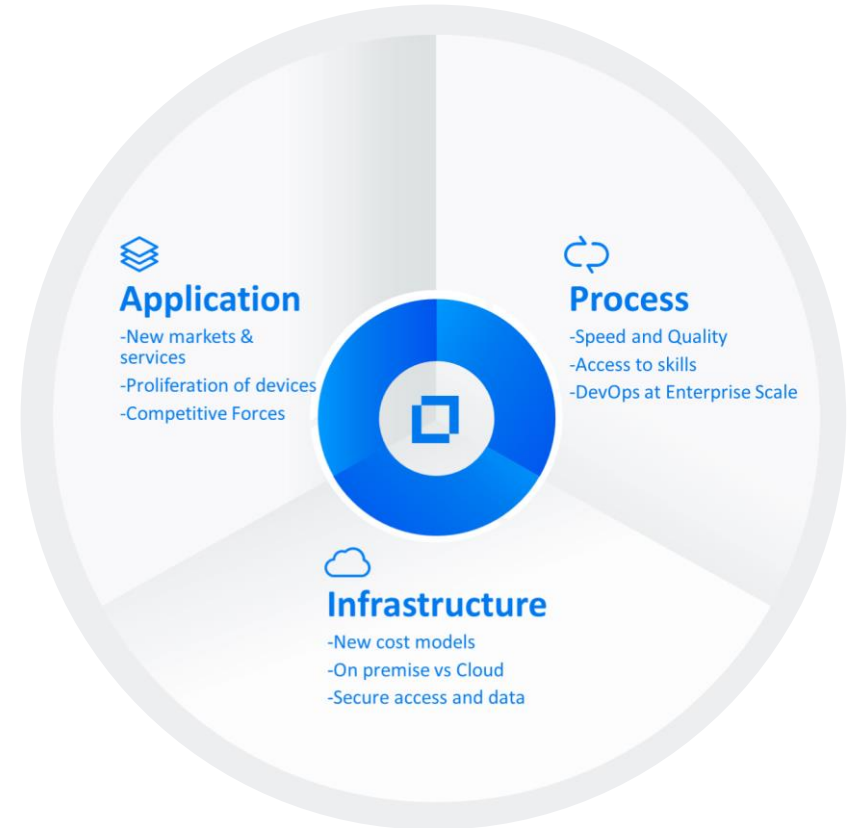**90**% — Will still be in use in 5 yrs

55% — Will modernize within 2 yrs

"…a shift from a *rip and replace* approach towards modernization"
- IDC

MICRO FOCUS

# Micro Focus' Modernization vision

- A uniquely holistic solution for enterprise application modernization

- Supported by Micro Focus best-practice modernization principles established from over 40 years' experience and thousands of customer projects

  - Focuses on fully understanding the as-is

  - Drives the best balance of ambition and risk mitigation to achieve clear objectives

Application
-New markets & services
-Proliferation of devices
-Competitive Forces

Process
-Speed and Quality
-Access to skills
-DevOps at Enterprise Scale

Infrastructure
-New cost models
-On premise vs Cloud
-Secure access and data

MICRO FOCUS

Cloud DevOps

Build, Test & Deploy Using Azure and AWS Clouds

- Configuration Management

- Pipelines - Continuous Integration and Deployment

- Planning and monitoring tools used by Agile teams
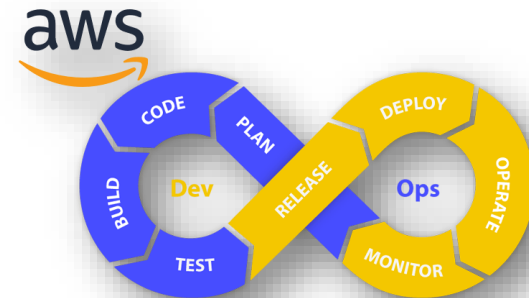
Containers
A Fast Path to Cloud

- Provide applications in easy-to-deploy packages

- Deliver working software first-time

- Containers make cloud deployment easy

- 5.0 adds support for orchestration tooling

Before:

The 'Skills' Debate

COBOL Analyzer

Instant Knowledge for Development Teams

Impact analysis of a pending code
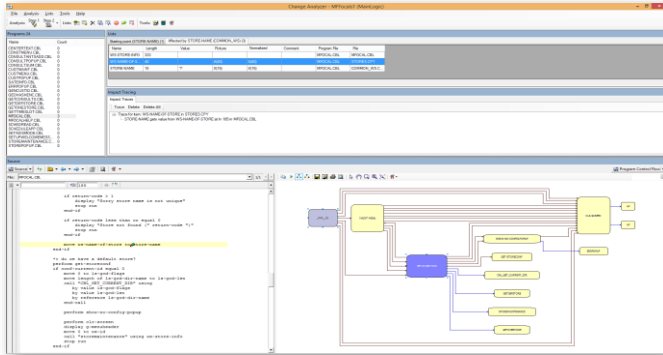
Interactive application call map

Code visualization

Unifying Analysis and Development Tools

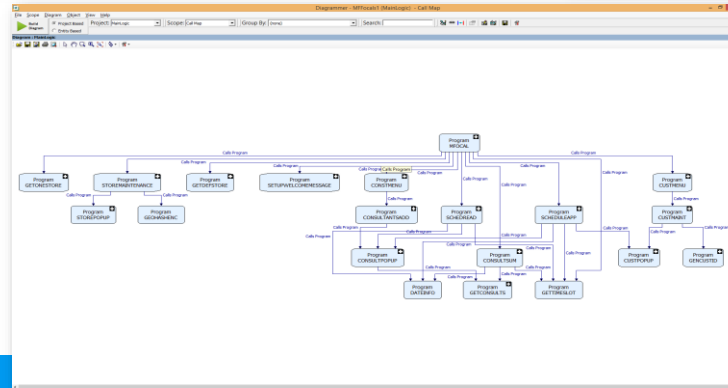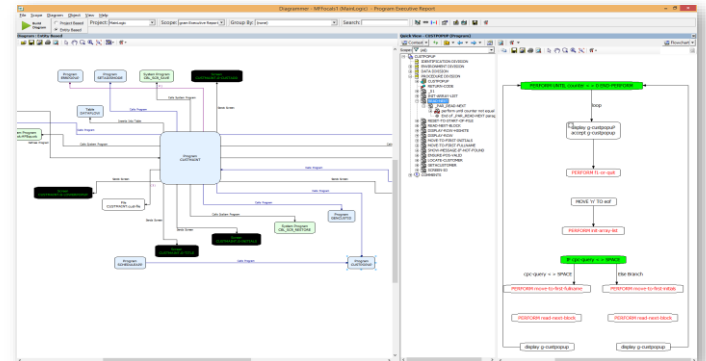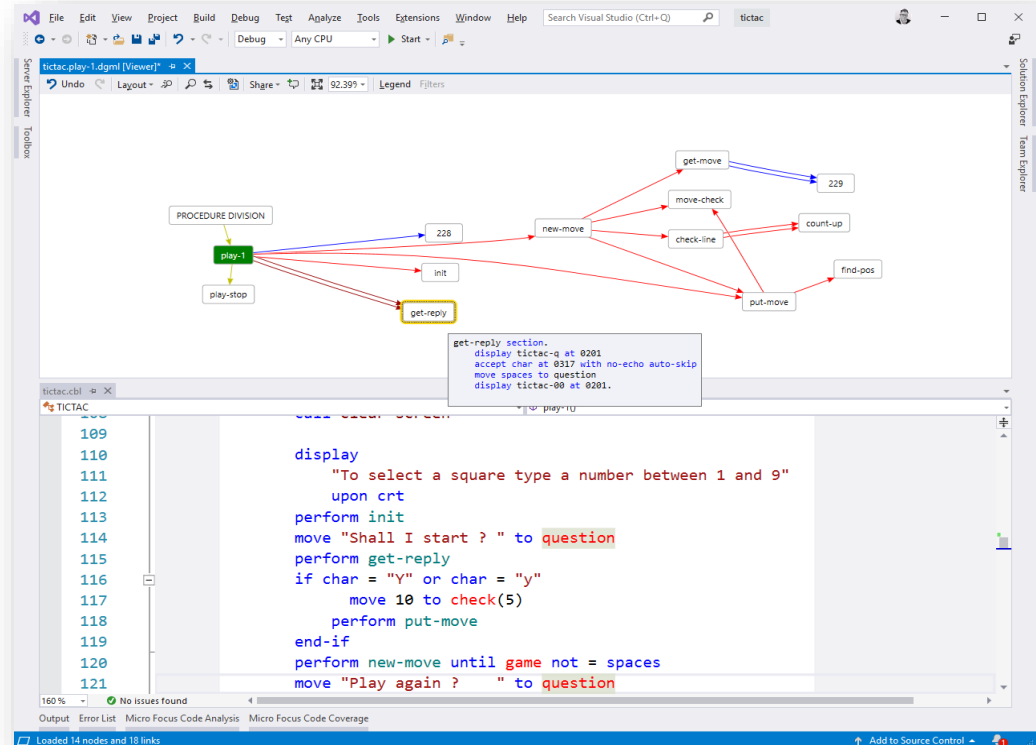Bringing Application Understanding to the Fingertips of COBOL Developers

- Robust, state of the art, developer's toolset.

- Ready for DevOps/Continuous integration methodologies

- New tools include:
  - Program Control Graph
  - Data Flow Analysis

COBOL deployment using Docker enables optimized server infrastructure, rapid time-to-market, and DevOps practices for Advanced

Advanced - Visual COBOL customer video