SHIFT LEFT   **SHIFT RIGHT**

Generate test
Data and cases
automatically

Automate API
Functional and
Non-functional
testing

Integrated risk
Assessment
And security
testing

Virtualized testing
Resources to
Eliminate
bottlenecks

Test & Optimize
Performance early
In development

Testing Needs to Happen Early & Often

CODING	BUILD	QA	SECURITY	PRODUCTION

Find during Development
$80 / defect

Find during Build
$240 / defect

Find during QA/Test
$960 / defect

Find in Production
$7,600 / defect