

**COLLABORATION THROUGH PARTNERSHIPS  
LEVERAGING CORE COMPETENCIES**

**IT Optimization**

**INCREASE EFFICIENCY · IMPROVE SERVICE  
REDUCE COMPLEXITY · REALIZE SAVINGS**

REFOCUSING  
INFORMATION  
TECHNOLOGY

INFRASTRUCTURE FOCUSED

TO **OHIOAN FOCUSED**

FLIPPING OUR FOCUS AND OUR SPEND TO BE PUBLIC FACING

19%

21%

24%

31%

40%

48%



PUBLIC FACING  
INVESTMENT

CORE/OPERATING

SINCE 2010, THE STATE HAS MOVED FROM SPENDING LESS THAN 19 CENTS OF EVERY IT DOLLAR ON THE PUBLIC FACING SERVICES AND SYSTEMS TO MORE THAN 48 CENTS OF EVERY IT DOLLAR SPENT

**WE CONTINUE TO FOCUS OUR INVESTMENTS AND ATTENTION TO MAKING OHIO A BETTER PLACE TO LIVE AND DO BUSINESS**

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PROGRAM  
TO DATE

## PROGRAM SAVINGS

Infrastructure Professionals	\$27.3M
Hardware Purchases	\$22.2M
Hardware Repairs and Maintenance	\$20.8M
Mainframe	\$13.3M
Software	\$12.6M
Software Repairs & Maintenance	\$7.3M

**CUMULATIVE TOTAL \$103.5M**



FY15  
OVER  
FY14

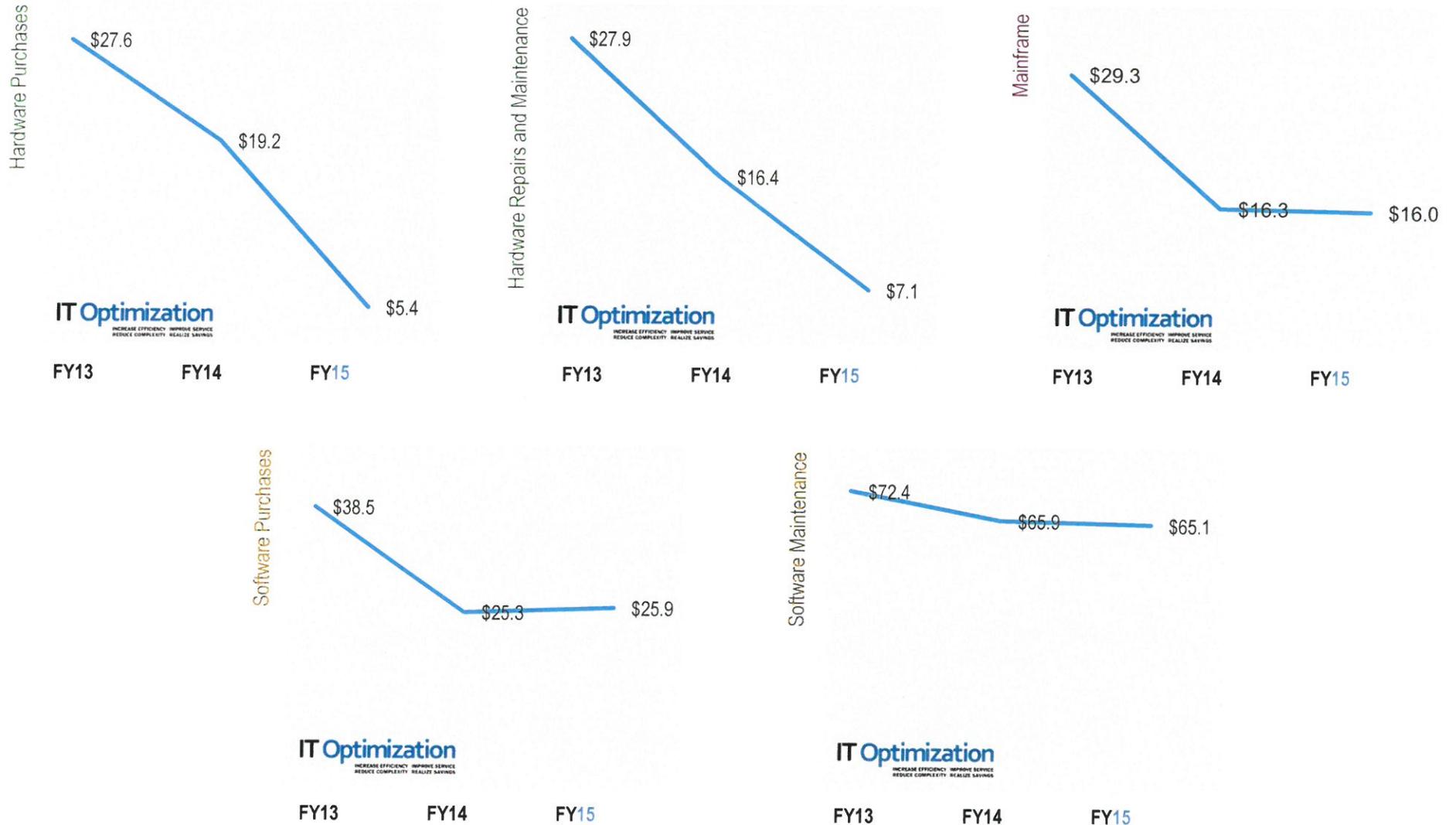
## FY15 SAVINGS

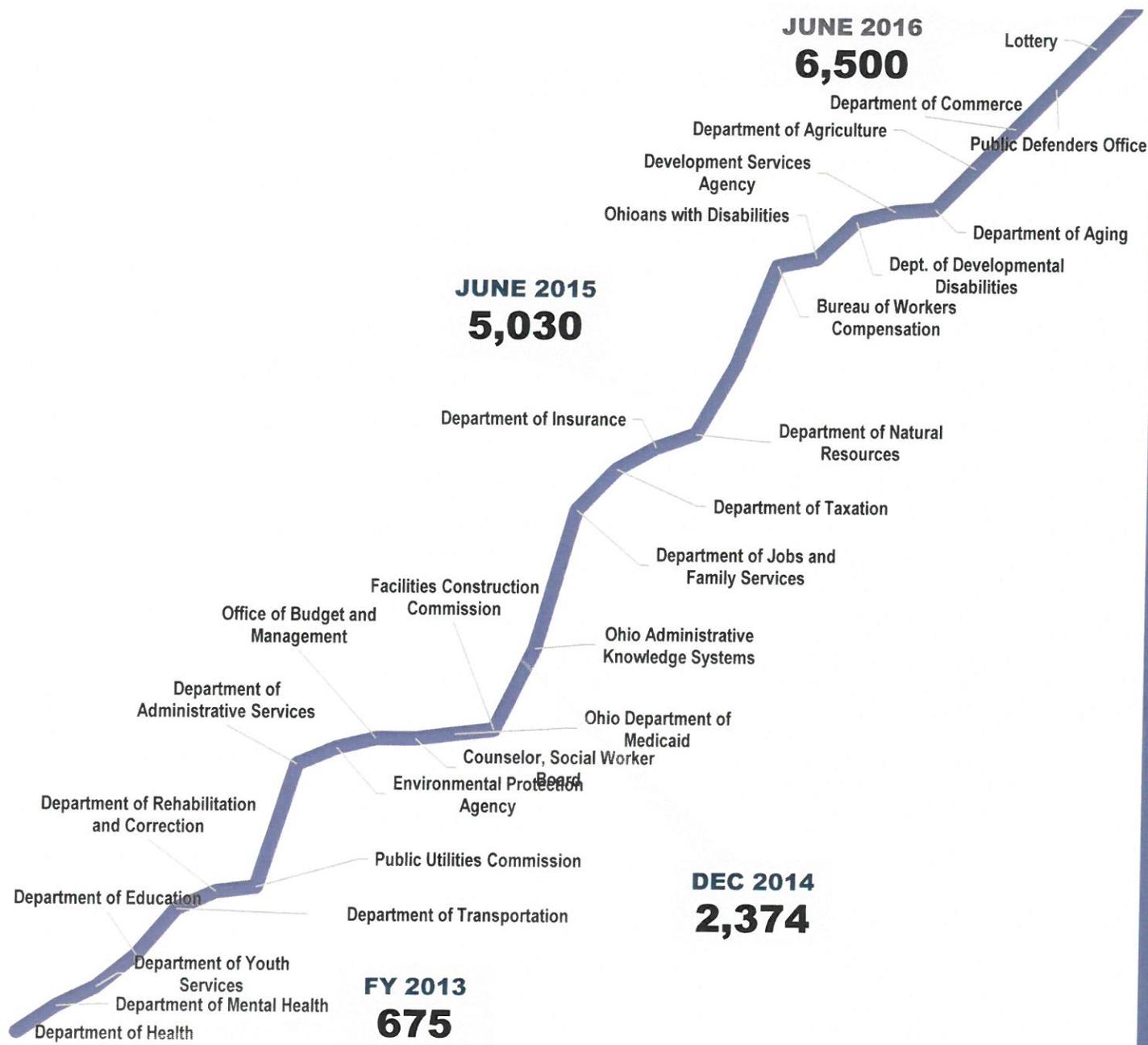
Infrastructure Professionals	\$15.4M
Hardware Purchases	\$13.8M
Hardware Repairs and Maintenance	\$9.3M
Mainframe	\$0.3M
Software	(\$0.6M)
Software Repairs & Maintenance	\$0.8M

**ANNUAL TOTAL \$39.0M**

**DRIVING REAL SAVINGS AND EFFICIENCIES**

# IT OPTIMIZATION: REALIGNMENT OF IT SPEND TO SUPPORT AGENCY MISSIONS AND SERVE THE PUBLIC





**AS OF JULY 2015, MORE THAN 5,000 SERVERS HAVE BEEN MIGRATED TO THE SOCC**

**1,500 MORE COMING BY YEAR'S END**

# THE STATE PRIVATE CLOUD IS A FORCE MULTIPLIER FOR STATE INFORMATION TECHNOLOGY

BEFORE 2013



**9,000+** INDIVIDUALLY  
MANAGED SERVERS  
1 - 6% CPU UTILIZATION  
3:1 (OR LESS) VIRTUALIZATION RATIO  
< 11% MEMORY UTILIZATION  
< 400 CENTRALLY MANAGED

UP  
**333%**  
HOST TO VM RATIO

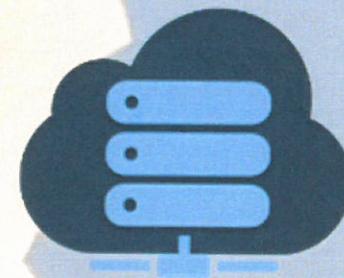
UP  
**97%**  
MEMORY UTILIZATION

CPU UTILIZATION  
UP  
**336%**

NET EFFICIENCY GAIN  
**860%**

UP ANOTHER  
**77%**  
FY16+ HOST TO VM RATIO

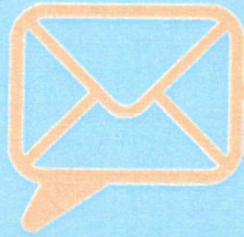
OHIO PRIVATE CLOUD



**5,400+ SERVERS**

## SINGLE EMAIL PLATFORM

ALL STATE AGENCIES ARE ON A SINGLE EMAIL PLATFORM WITH A UNIFIED ADDRESS BOOK AND COLLABORATION TOOLS



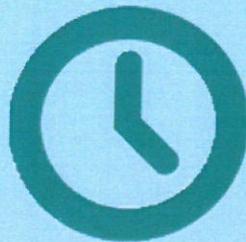
## ENTERPRISE DOCUMENT MANAGEMENT

NEW PROJECT TO STREAMLINE THE BUSINESS OF DOCUMENT WORKFLOWS, AUTOMATION AND MANAGEMENT ACROSS THE ENTERPRISE



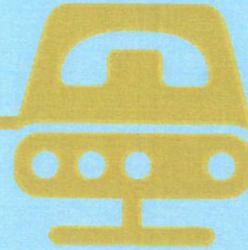
## ENTERPRISE TIME MANAGEMENT

ENHANCED TIME AND LABOR REPORTING WITHOUT ALL OF THE MANUAL EFFORT AND RECONCILIATION



## VOICE OVER IP

MIGRATED AN ADDITIONAL 13,000 PHONES TO STATE HOSTED VOIP PLATFORM BRINGING THE TOTAL TO OVER 28,400 LINES. HIGHER-ED AND SOME COUNTIES ARE ADOPTING



## ENTERPRISE SERVICE MANAGEMENT

ITIL BASED SERVICE DESK FOR ENTERPRISE SERVICES: ORDER, DEPLOY, CONSUME, INNOVATE!



## OFFICE365

73% OF AGENCY EMAILS ARE MAINTAINED IN THE CLOUD. ENDPOINT ROLLOUT OF OFFICE365 GATHERING MOMENTUM



# ENTERPRISE SERVICES THAT BENEFIT ALL

# ENTERPRISE STANDARD OFFERINGS

## DATA CENTER SERVICES

PRIVATE CLOUD – SOCC

BROKERED SERVICES - AZURE

## DISASTER RECOVERY AS A SERVICE & COLOCATION

ENTERPRISE DR & COLOCATION – WOW/SECURE  
DATA 365

REGIONAL DR & COLOCATION – COLOGIX

MAINFRAME DR – IBM

BUSINESS CONTINUITY – RECOVERY PLANNER

## SERVER VIRTUALIZATION & VDI

VIRTUALIZATION SERVERS – VMWARE

DESKTOP VIRTUALIZATION – VDI

## TELEPHONE & VIDEO SERVICES

HOSTED VOIP – CBTS

HOSTED VIDEO SERVICES – CBTS

MANAGEMENT OF MOBILE DEVICE PLANS &  
CARRIERS – MOBI

## SERVER MONITORING TOOLS

IBM

## DESKTOP SUITE OF TOOLS

0365 PRO PLUS

SYSTEM CENTER CONFIGURATION MANAGER -  
MICROSOFT

## SECURITY MONITORING TOOLS

MDM – AIRWATCH

ANTI-VIRUS, ANTI-SPYWARE, ANTI-SPAM, ENCRYPTION  
– MCAFEE

VULNERABILITY MANAGEMENT – QUALYS

WEB CONTENT FILTERING

SECURITY INCIDENT AND EVENT MANAGEMENT –  
QRADAR

CLOUD SOFTWARE SECURITY – SKYHIGH NETWORKS

## BUSINESS INTELLIGENCE & REPORTING

BI PLATFORM – COGNOS

DATA VISUALIZATION – TABLEAU

EXTRACT, TRANSFORM & LOAD (ETL) – INFORMATICA

## **NETWORKING/TELECOMMUNICATIONS**

NETWORK BACKBONE - OARNET

ISP - OARNET

## **ENTERPRISE DOCUMENT MANAGEMENT**

ONBASE/HYLAND

## **ERP - OAKS**

HCM & FIN – ORACLE/PEOPLESOFT

## **ENTERPRISE TIMEKEEPING**

KRONOS

## **ENTERPRISE GRANTS MANAGEMENT**

COMING SOON

## **SOFTWARE/PLATFORM AS A SERVICE**

SERVICE NOW

SALESFORCE

## **MISSION CRITICAL VOICE COMMUNICATIONS**

MARCS

## **OHIO BUSINESS GATEWAY**

## **ELICENSING**

CAVU (EXISTING LEGACY PLATFORM)

BASICGOV / SALESFORCE (MIGRATION IN PROGRESS)

## **EPAYMENT ENGINE**

CBOSS

# **ENTERPRISE INNOVATION PLATFORMS**

# THE SOCC IS A MAGNET FOR GOVERNMENTAL AND HIGHER-ED COMPUTING



THE OHIO STATE  
UNIVERSITY

UNIVERSITY OF  
Cincinnati



Wexner  
Medical  
Center

ONE OF THE TOP 10 DATA CENTERS IN THE COUNTRY

CENTRAL OHIO LOCATION

24/7/365 20+ YEAR CONTINUOUS OPERATION HISTORY

TIER III CAPABLE (REDUNDANCY)

COMMERCIALY REASONABLE PRICING

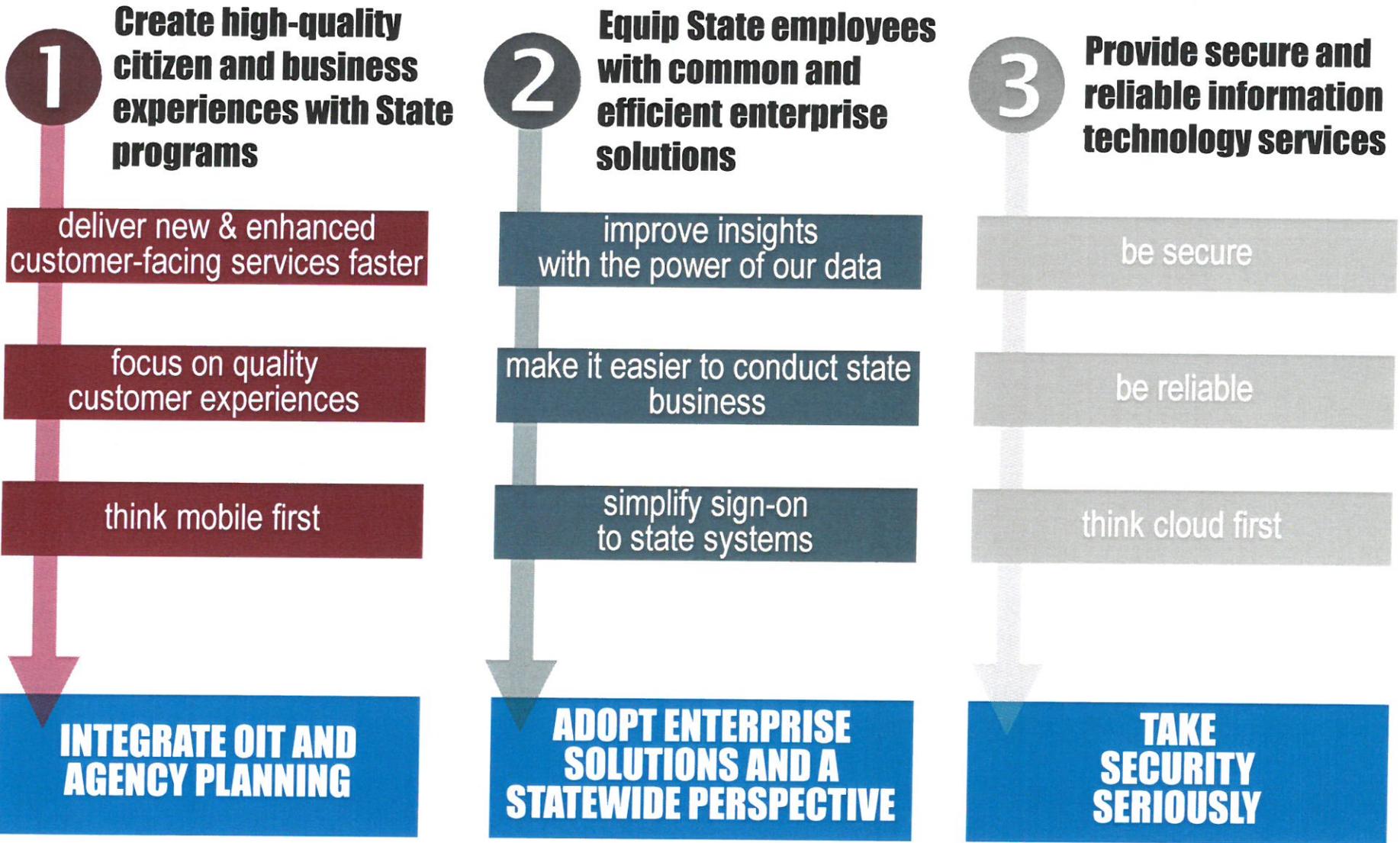
PRE-WIRED, PRE-POSITIONED AND "MOVE IN READY"

"REVENUES" OFFSET COSTS AND ONGOING INVESTMENTS

## MORE THAN \$60M

# PARTNERING FOR CONTINUED SUCCESS

OIT AND AGENCIES WILL FOCUS IT INVESTMENTS ON PUBLIC-FACING APPLICATIONS WHILE CONTINUING IT OPTIMIZATION TO DELIVER COST-EFFECTIVE SERVICES.



**IMPROVE CULTURE: ONE DAS – ONE OIT**

INCREASE SUPPORT, COLLABORATION AND AWARENESS BETWEEN OUR DIVISIONS, ORGANIZATIONS, TEAMS AND SERVICES. CREATE TWO WAY COMMUNICATIONS AND FEEDBACK

**ENHANCE AND PROMOTE CUSTOMER SERVICE**

FACILITATE SOLUTIONS FOR OUR GOVERNMENTAL PARTNERS AND SUPPORT THEM THROUGH INNOVATIVE PROCESSES, TOOLS AND CAPABILITIES TO ENABLE THE BUSINESS OF THE STATE

**INCREASE ADOPTION OF ENTERPRISE SERVICES**

EXTEND SAVINGS OF IT OPTIMIZATION THROUGH CONTINUED DELIVERY OF ESSENTIAL AGENCY SERVICES SUCH AS CLOUD, VOIP, LICENSING, OAKS, BI AND MARCS

**EXPAND ONLINE GOVERNMENT SERVICES**

ESTABLISH A TIGHTER LINKAGE BETWEEN CITIZENS AND BUSINESSES IN OHIO AND THE STATE THROUGH OBG AND OHIO BENEFITS MODERNIZATION AND EXPANSION

**CONTINUE SUCCESSES IN PRIVATE CLOUD**

DRIVE ADOPTION TO COVER CLOSE TO 100% OF STATE SERVERS AND STORAGE WHILE EXPANDING SERVICE OFFERING TO INCLUDE DISASTER RECOVERY FOR CRITICAL APPLICATIONS

# IT Optimization

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REDUCE COMPLEXITY · REALIZE SAVINGS



2016  
IT Optimization

**ENHANCE STATE SECURITY AND PRIVACY POSTURE**

COVER MORE ENDPOINTS, DEVICES AND NETWORK DEVICES WHILE INVESTING IN IDENTITY AND FRAUD PREVENTION CAPABILITIES