SoD Control Monitoring & Automation

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Built on a Solid Foundation

1966
FOUNDED IN
MICHIGAN, USA

TOP TIER
MANUFACTURING
SERVICES PROVIDER

$33.5B
REVENUE
IN FY22

TENURED
MANAGEMENT TEAM

250K+
DEDICATED
EMPLOYEES

400+
CUSTOMERS ACROSS
DIVERSE MARKETS

100+
SITES STRATEGICALLY LOCATED
AROUND THE WORLD

50M+
SQUARE FEET OF
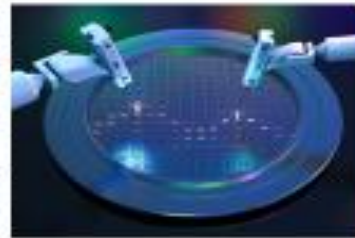MANUFACTURING SPACE

27K+
SUPPLY CHAIN
PARTNERS

Markets Served

Networking &
Telecommunications

Cloud, Compute
& Storage

Capital
Equipment

Industrial
& Energy

Building
Technologies

Safety &
Security

Digital Print
& Retail

Smart Home
& Appliances

Consumer
Devices

Optics

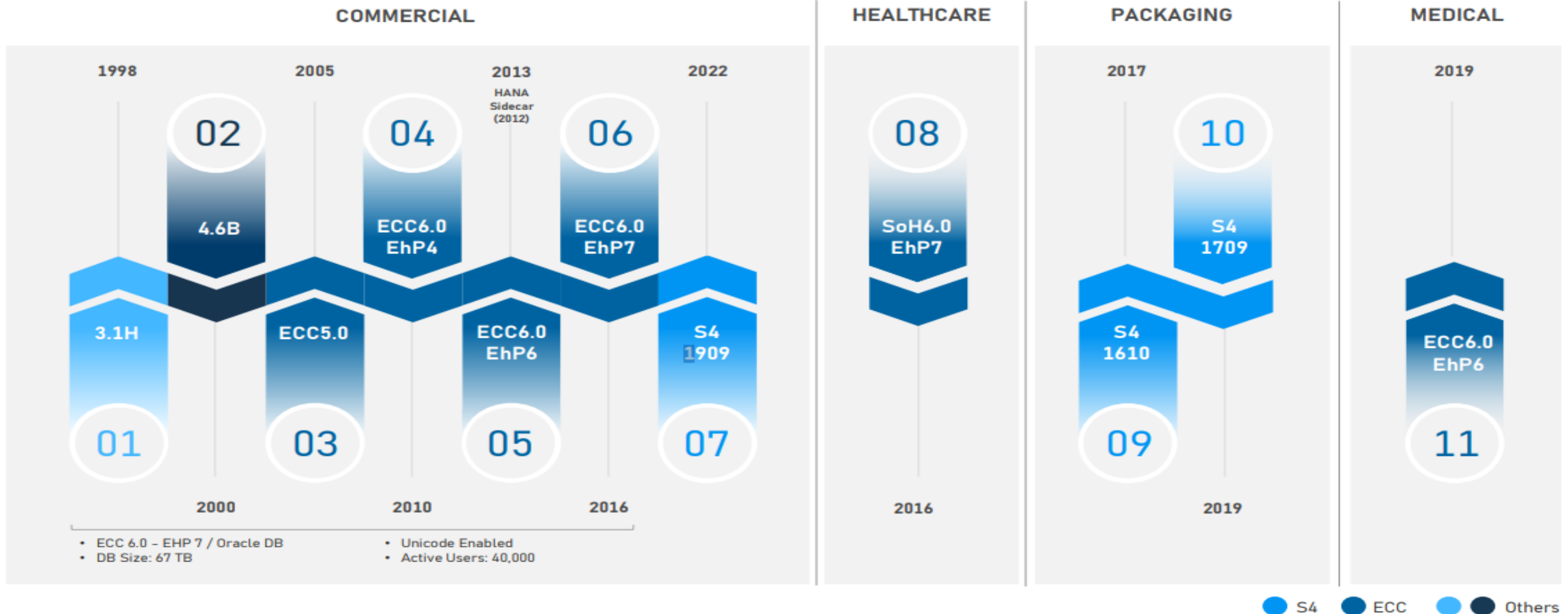Automotive &
Transportation

Defense &
Aerospace

Healthcare

Packaging

Major SAP Instances

System	Users	S4 HANA Deployment
S4 COMMERCIAL	~ 40,000	S4 1909
ECC (NYPRO)	~3,000	PLANNING IN PROCESS
ECC (HEALTHCARE)	~5,000	PLANNING IN PROCESS
GRC	~11,000	AC 12.0
MDG	~2,000	S4 UPGRADE IN PROCESS

Jabil's S4 Journey
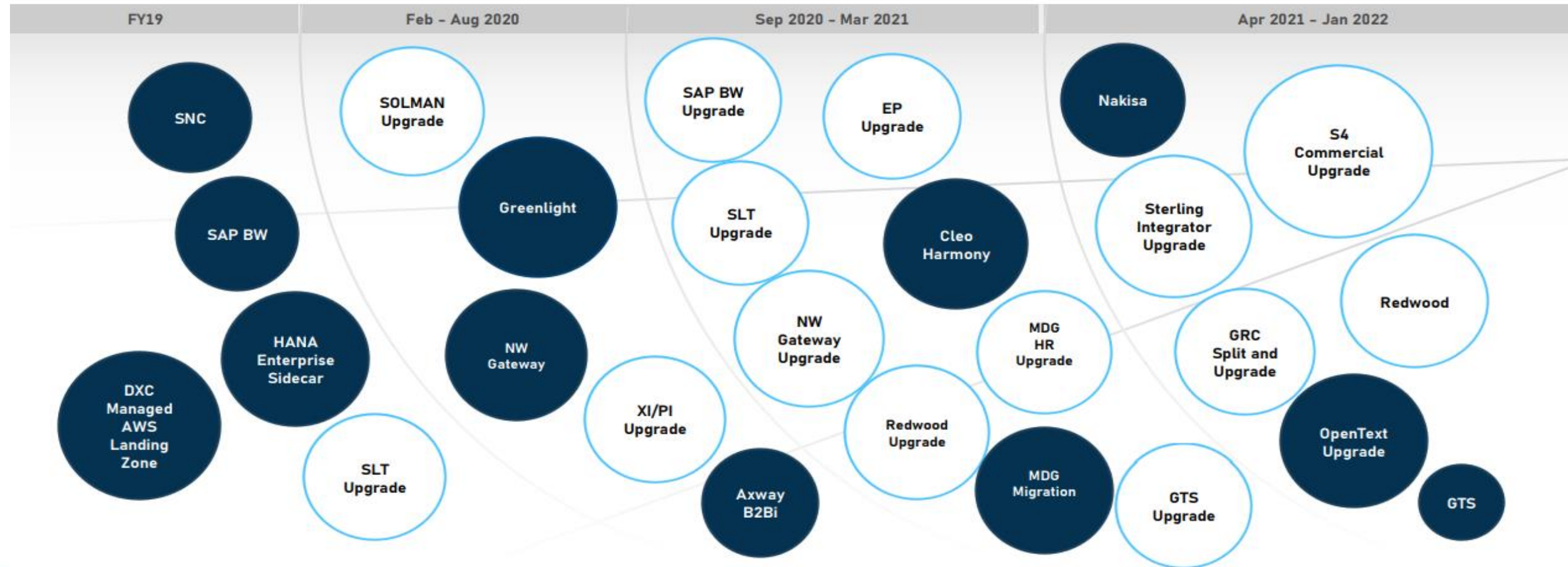
History of SOD Controls at Jabil

- SOD Management included:
  - Advisory Services from a risk assessment consulting firm
  - Extensive manual effort by an internal team
- Monitoring scope was a subset of financial transactions (sampling)
- Control activities were performed quarterly

- Concerns over potential fraud or a qualified audit remained uncomfortably high

Project Shield

The GRC journey began in 2015

- **Improve controls to reduce risk and ensure regulatory compliance**

- **Management endorsement allowed a smooth transition for all areas of the business to accept and embrace a global compliance structure**

- **Organize, standardize and automate Jabil's SoD compliance structure**

- **Move from periodic 'Look Backs' to continuous monitoring**

- **Remove heavy dependence on external consulting**

- **Manage compliance while organization is growing substantially**

    - **Acquisitions and changing business systems**

- **SAP GRC selected and deployed**

    - **SAP Access Control with 90+ connectors (Production and non-Production)**

    - **SAP Access Violation Management for Production ECC - 93 total SoD risks defined with 53 monitored by AVM**

Upgrading GRC and Supporting S4 Upgrade

Server Copy	10.1 Upgrade on collocated server with GTS and NFE	12.0 Upgrade on new server, only GRC residing. Plug-ins upgraded on all target systems
Rule Set Changes	Tcodes and permissions all set to ECC standards	Added new tcodes and permissions to the global rule set. Deprecated tcodes not removed
S4 Changes	Master data separated in ECC	Vendor, customer master, and credit management combined
Connectors	Existing connectors work with ECC environments	New connectors defined for S4 instances

Upgrade AVM for S/4

- AVM was also upgraded to accommodate S4, Project Shield continues as the business transforms
  - Processes and Benefits of AVM deployed for ECC are carried over to new S/4 systems
    - Seamless control monitoring in S/4 for global risks as new systems are deployed
    - Control programs for S/4 ERP supports transactional from the S/4 table structure
  - Tactical Activities
    - Control configuration updated in AVM to include S/4 specific transactions
    - Scheduling controls pointed to the new S/4 environment
    - Controls for user risks were in place at go-live ensuring the S/4 environment was audit ready

GRC Focus

Quarterly review on version and SP available

GRC team will consider installing support packs on a regular basis, so that all aspects within the GRC server are working accurately and efficiently, while providing information in a timely manner.

User Access Review

Jabil is currently implementing the User Access Review module within Access Control. UAR utilizes the standard GRC workflow, automates the process of the required user access review, and executes modifications to users' access in SAP as needed.

Firefighter Log Review

Replacing the manual firefighter log review with the GRC standard firefighter log review workflow. Will remove the possibility of errors that can occur in a manual review.

Critical Transaction Review

Replacing the manual critical transaction review with the GRC standard workflow review. Includes the regular review of critical transactions, much like the annual SoD review.

GRC Roadmap

Future Objectives

- Investigate the extension of SoD review risks to systems that interface with SAP

  - Coupa – currently done manually

  - MDG – currently done manually only for access in MDG

- Consider adding more risks to our AVM environment

  - AVM currently monitors 53 of our 93 risks.

- Explore the use of other modules within GRC

  - Process control

  - Continuous control monitoring

  - Expand Business role management