

Lenovo Best Practice – Innovation with SAP



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+ INNOVATION NEVER STANDS STILL

\$46B GLOBAL PERSONAL
TECHNOLOGY COMPANY

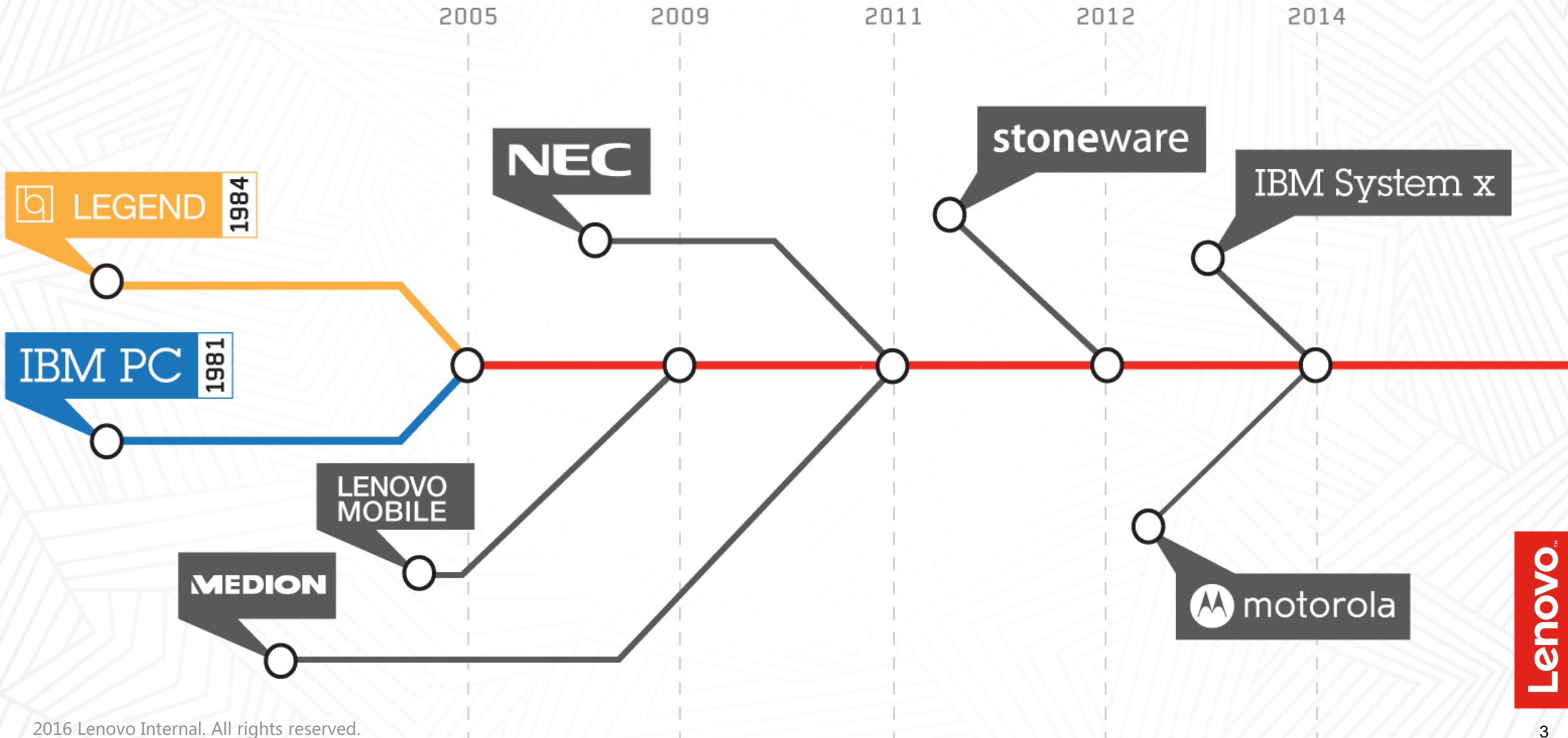
55,000 EMPLOYEES

CUSTOMERS IN **160+** COUNTRIES

231 ON THE GLOBAL
FORTUNE 500 LIST



+ Merge and Acquisition



- **Customer** changed their buying behavior
- **Technology** provide new computing capability
- **Ecosystem** become the new route to market
- **Talents** I need you

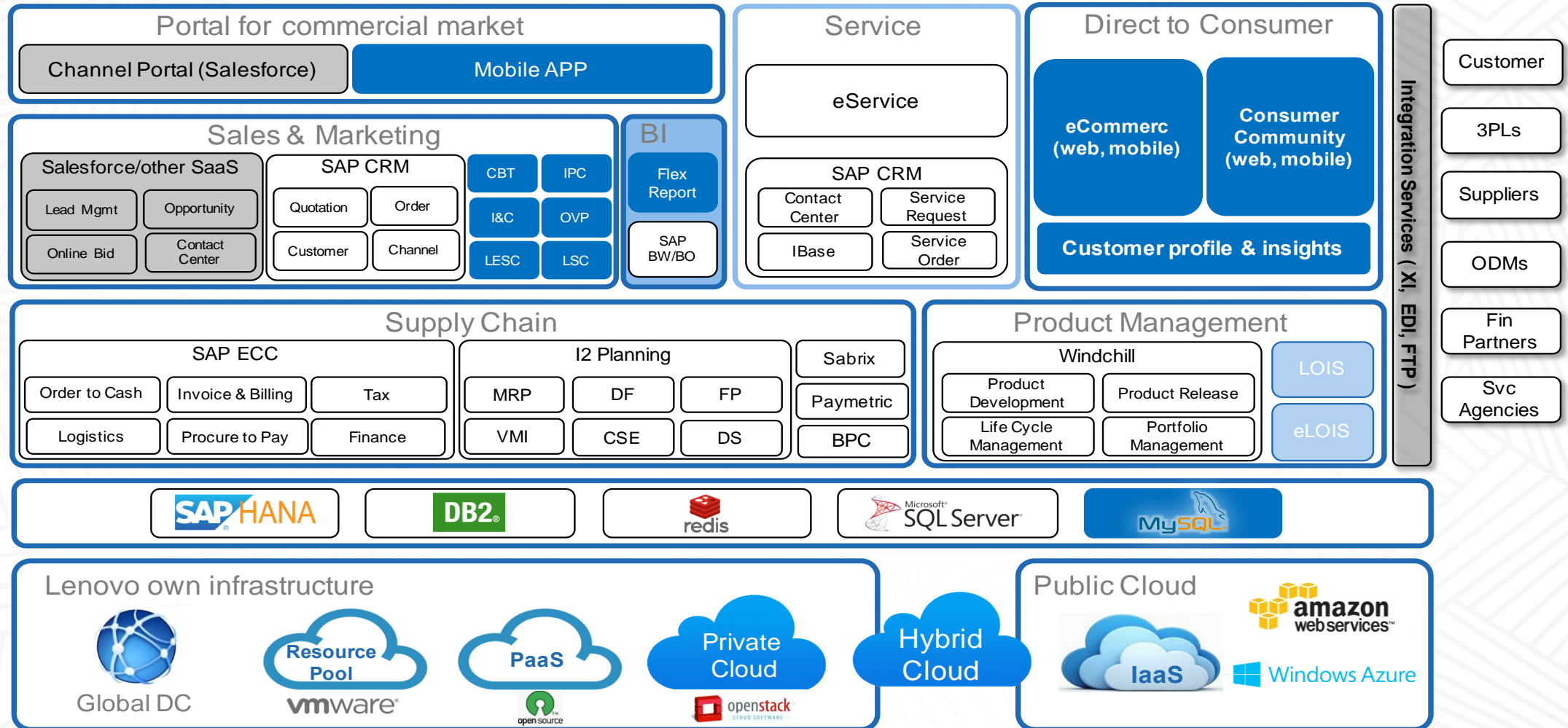


Challenge for Digital Ready Enterprise

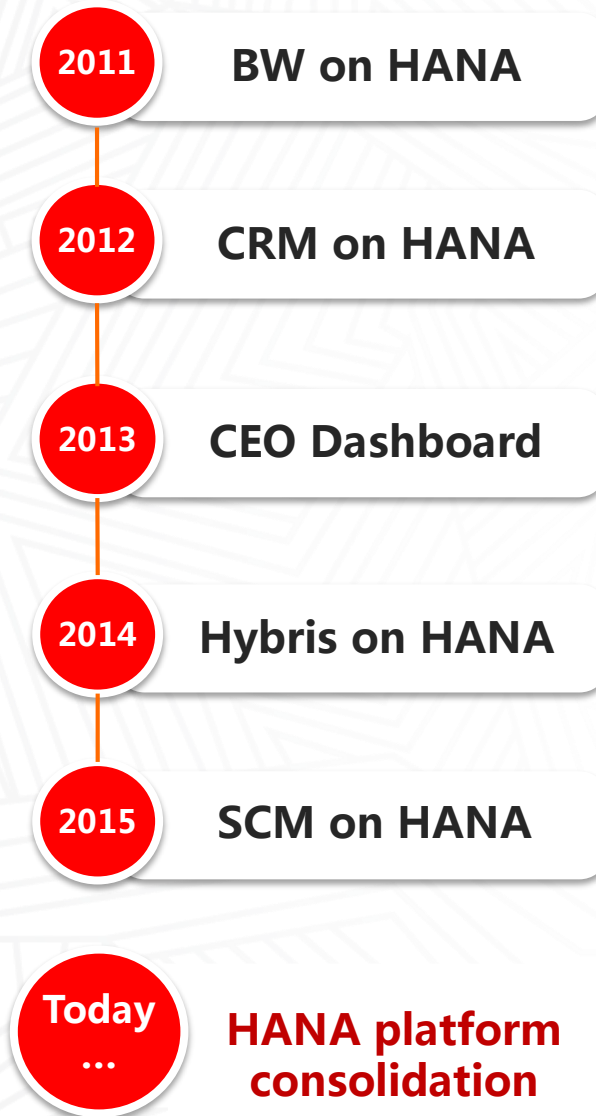


+ Lenovo IT Architecture

☐ On Promise Package Solution
 ☐ Cloud Solution
 ☒ Open Source/In House Dev



+ HANA@ Lenovo



- SAP first partner in China
- Key report performance improve 237 times
- Performance of trade promotion and interactive report improve 10 times
- Advanced features of HANA Executive Dashboard
- Mobile functionality, real time analysis, quick decision
- Ecommerce platform for new transactions model
- Strong support for sales season in holiday
- X86 product roadmap planning
- HANA as platform, enabling self-development
- Key SAP applications migrate to HANA
- Cost saving/performance improvement

+ Lenovo Hybris on HANA

SAP HANA® Enterprise Cloud

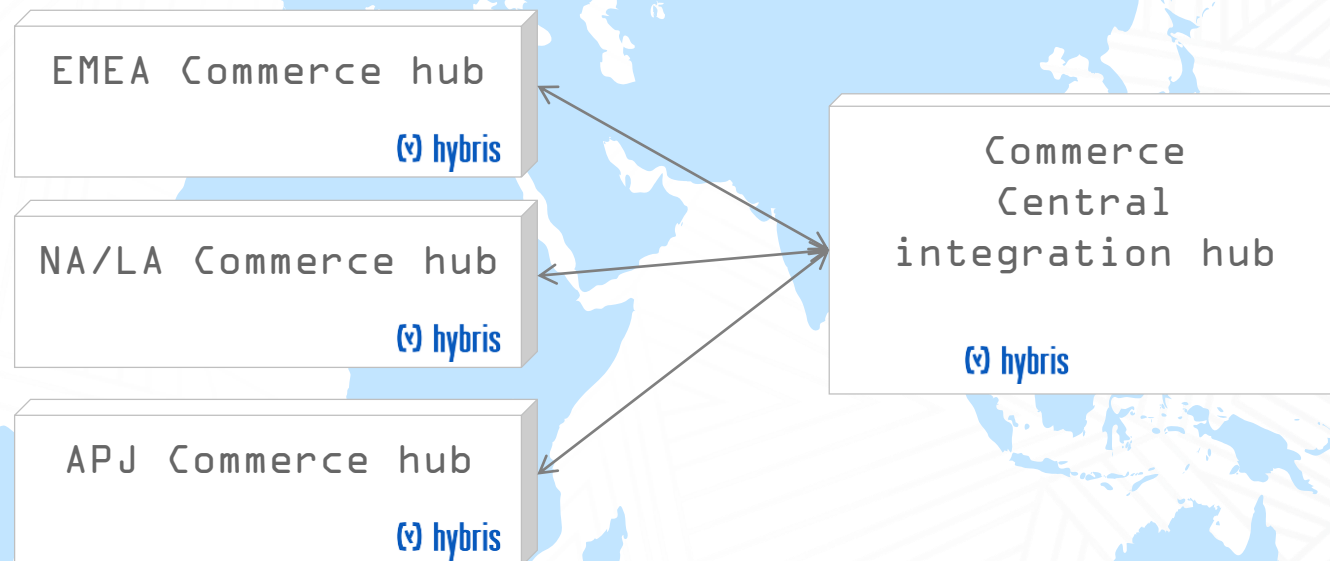
B2B

100+ Countries;
3000+ online Stores

B2C

70+ Countries;
1000+ online Stores

Telesales



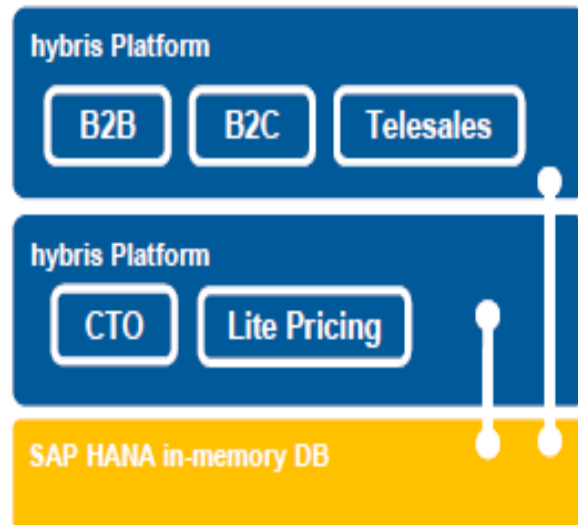
+ Hybris Solution Components

> Lower Costs

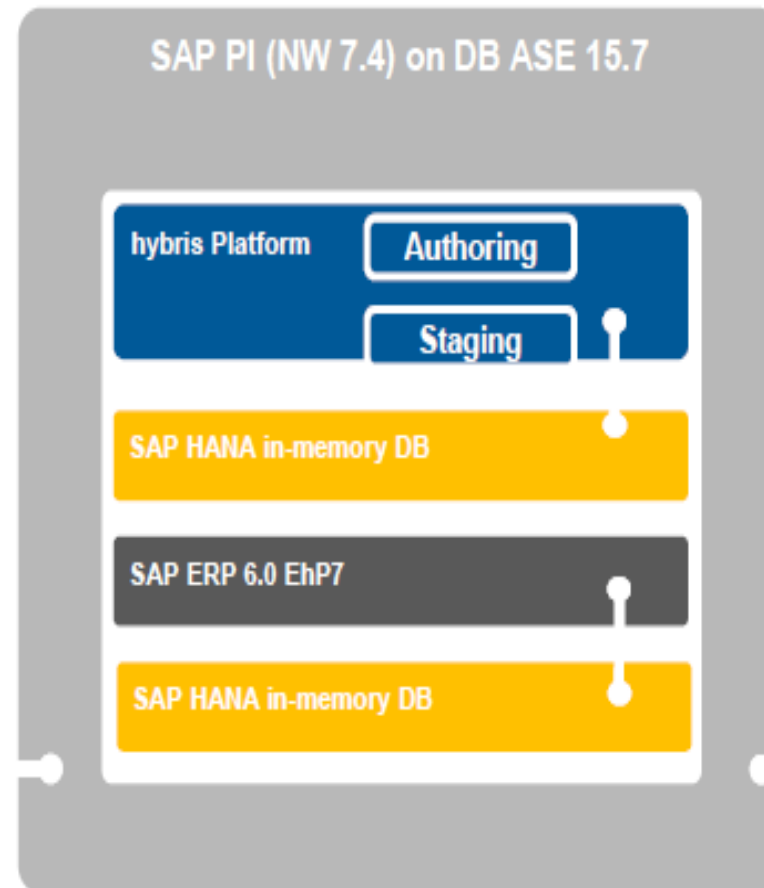
> High End-User Satisfaction

> Lower Risk

Region



Central



+ Lenovo X86 Server Transition



**Business
Background**

- **Acquisition:** X86 Server Acquisition
- **TSA:** Large annual TSA costs

Mission

- Set up MTY plant & USFC plant for x86 manufacturing
- Build an E2E supply chain IT platform to enable Lenovo X86 manufacturing capability.
- New Planning Solution by SAP APO on HANA, VMI on HANA
- New Cost Forecast Solution by CFE on HANA

Challenges

- **Tight Schedule:** SC IT platform which lays an essential foundation must be completed in 10 months.
- **Complicated Business Logics:** Different & complicated biz logic of X86 server than legacy PC line.
- **Performance:** System architecture need to be reformed because of legacy VMI is too old and very slow, which impacts whole supply chain collaboration works.

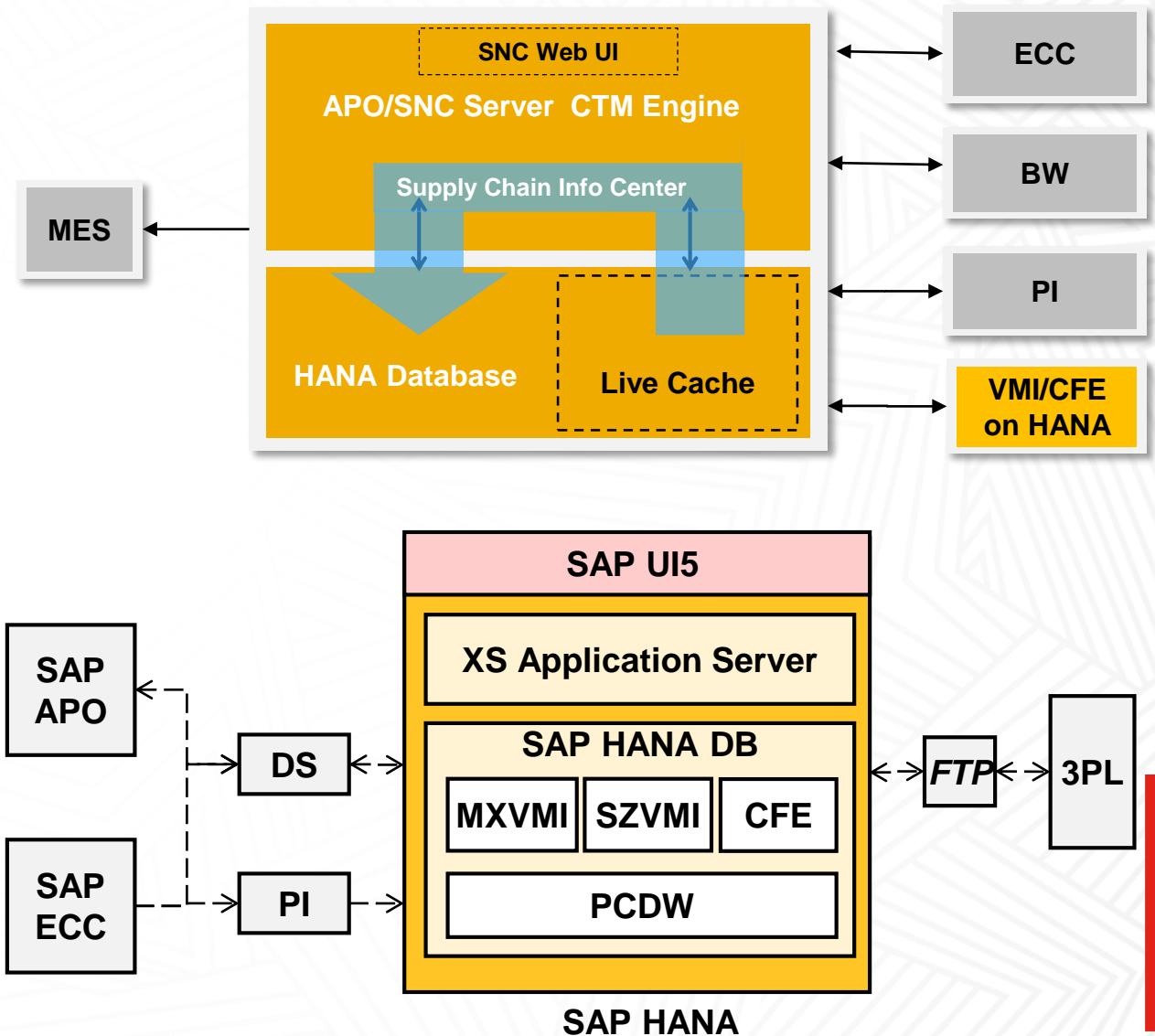
+ X86 Server Planning Solution Powered By HANA

SCM on HANA

- APO/SNC on HANA
- Integrated liveCache on HANA Server for planning acceleration
- Use AMDP (ABAP Managed Database Procedure) & CDS(Core data services)(CDS)
- Real-Time Reporting for material planning on HANA

VMI/CFE on HANA

- Custom development non-sap system on SAP HANA XS
- Native HANA Application Platform with SAP UI5
- VMI & CFE on the same HANA instance
- ODATA for data provision instead of all file exchanges
- XS jobs for data archive job scheduling
- Mixed CR&DU Transport by HANA Life Cycle Management
- 100+ UI5 Screens /500+ Roles
- 100+ Customized tables / 490+ Store Procedures



+ Benefits & Values

Secure the commitments

Optimize business work model with robust IT platform

Save TSA cost and labors

Pioneer on HANA Technology exploration & implementation

Customer Voice

Global Planning & Purchase Dept.

“ It’s really cool for us to do the cost calculations anytime, anywhere. Even on the global planning meeting, we can change or add the expense factor and immediately see the result. That really changes a lot on our daily work.”

Global Supply Chain & Planning Dept.

“ All processes are much faster and smarter with high automation. We can process 3 times supplier collaboration process of supply chain than before. Our planning support team, used to stand by at night, now they could have very good sleep .”

+ Best BW HANA in AP



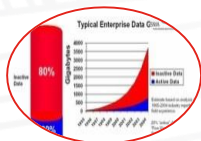
No.1 in AP



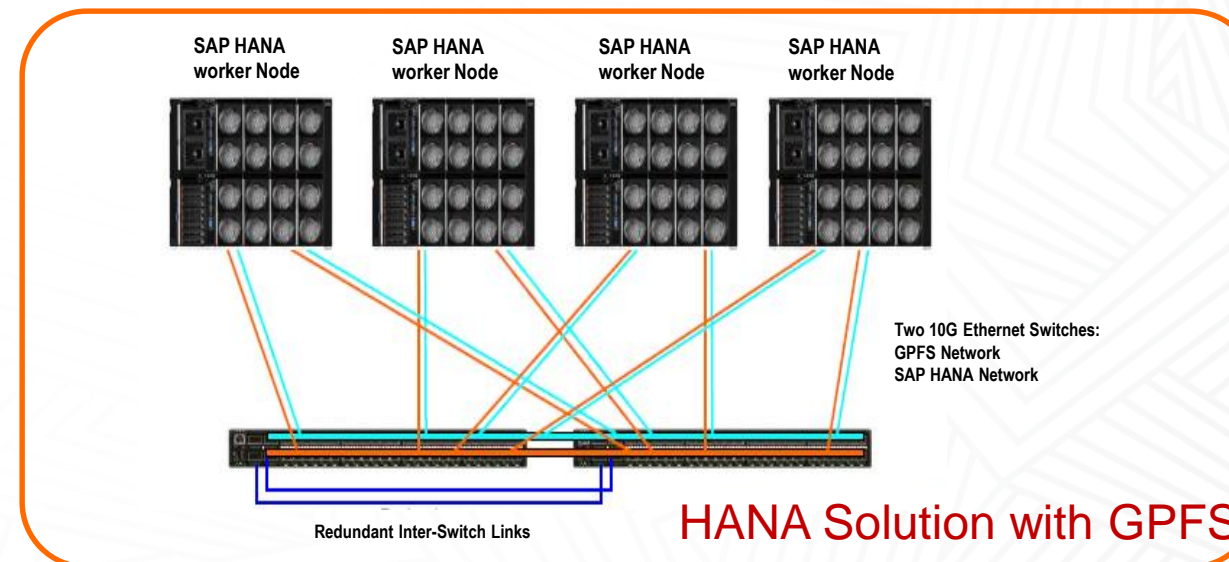
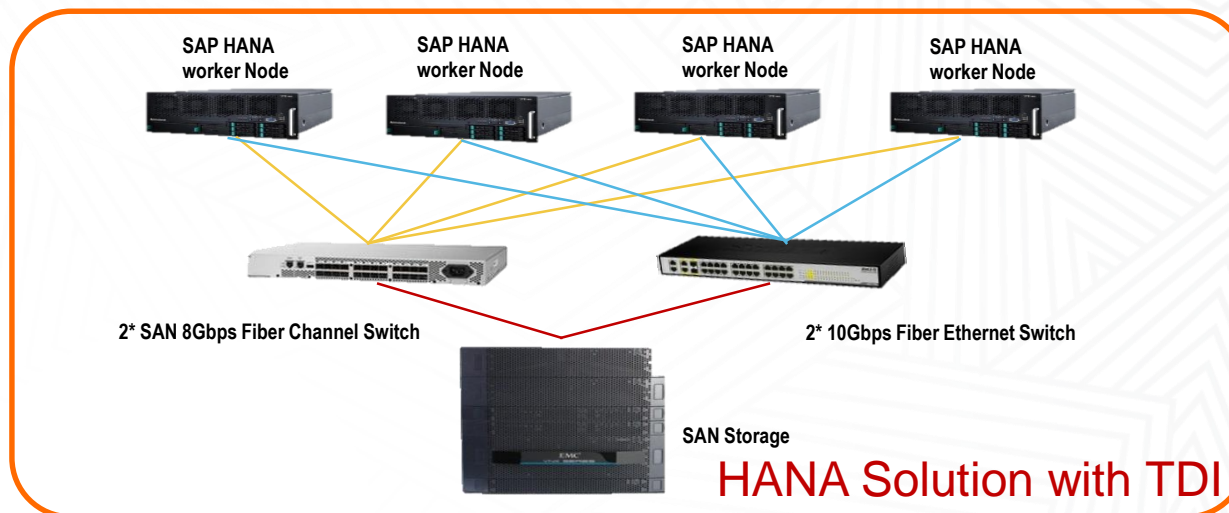
86% hardware saving



45 X improvement of reporting performance



50 X improvement of data loading



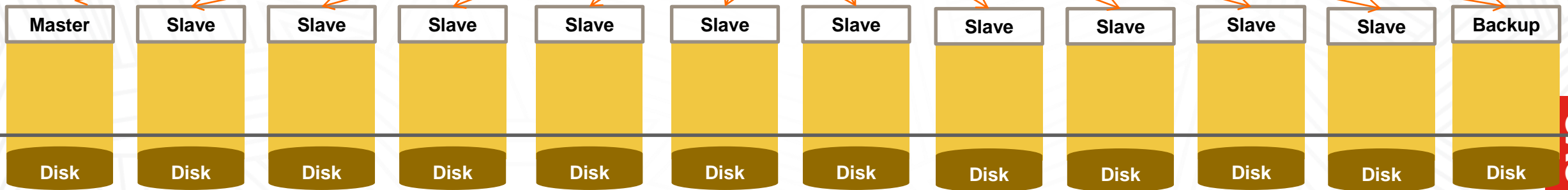
+ BW HANA

APP Layer



HANA Layer

Switch



+ Looking for the ready talent for the market

Hot job opening for technical expert:

- ✓ Business Intelligent
- ✓ Big Data
- ✓ E-commerce
- ✓ Mobility

Business sense:

Good sense for optimization of business operation

Creation:

Fresh blood with innovation ideas



thanks.

