

# SIMATIC WinCC Open Architecture

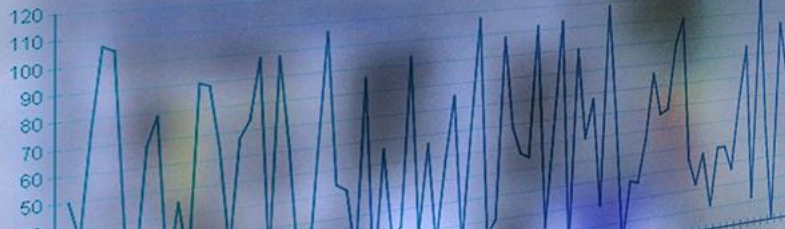
Overview Turbine Trends Alarms

USER SWITCH SETTINGS EXIT

## Turbine



## Park



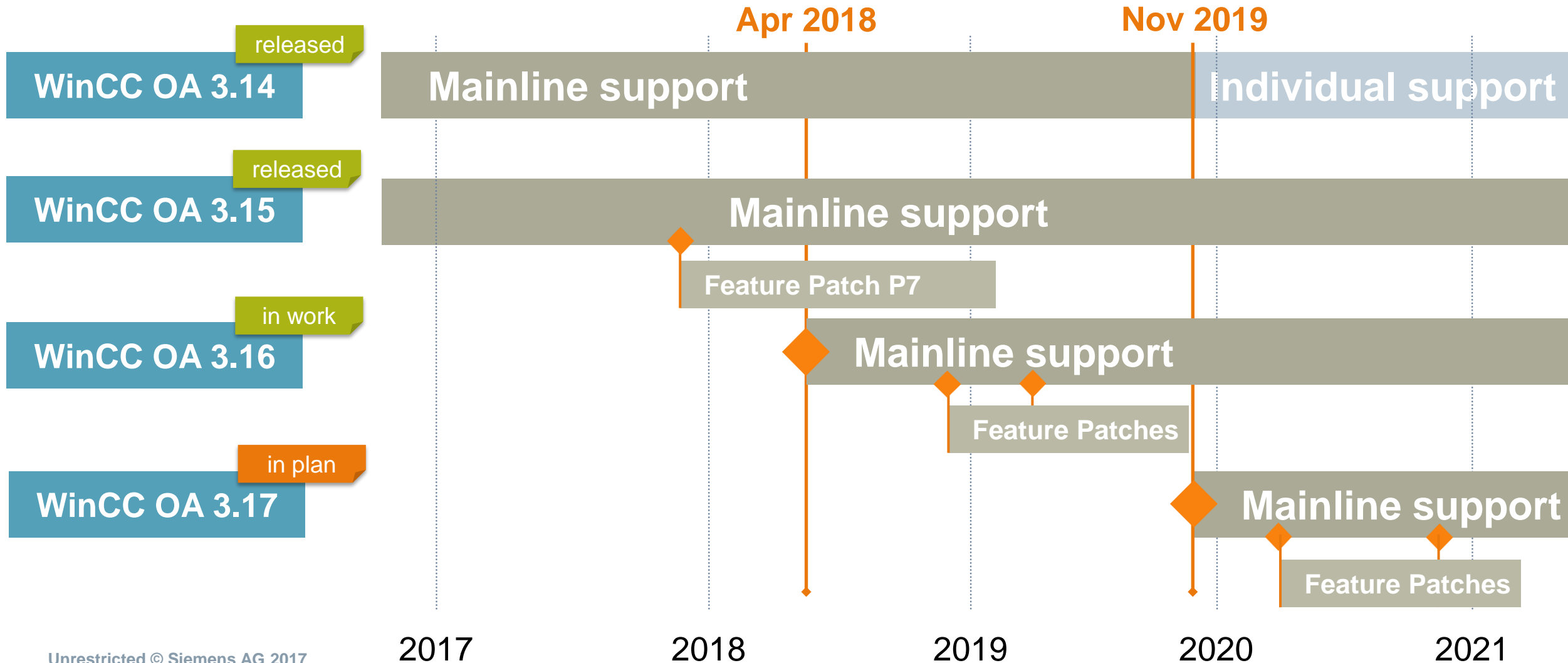
## Release policy update

- **Longer release cycles (1,5 years)**
  - As requested in customer surveys
  - More bug fixes
- **In between feature patches**
  - Continuous delivery
  - Features not only in new versions
- **Longer support periods**
  - Newest & latest two versions in mainline support (as until now)
  - WinCC OA 3.15 supported approximately 4,5 years from release
- **Next planned releases with focus on security IEC 62443**
  - As requested by government regulations
  - Due to rise of IT security threats

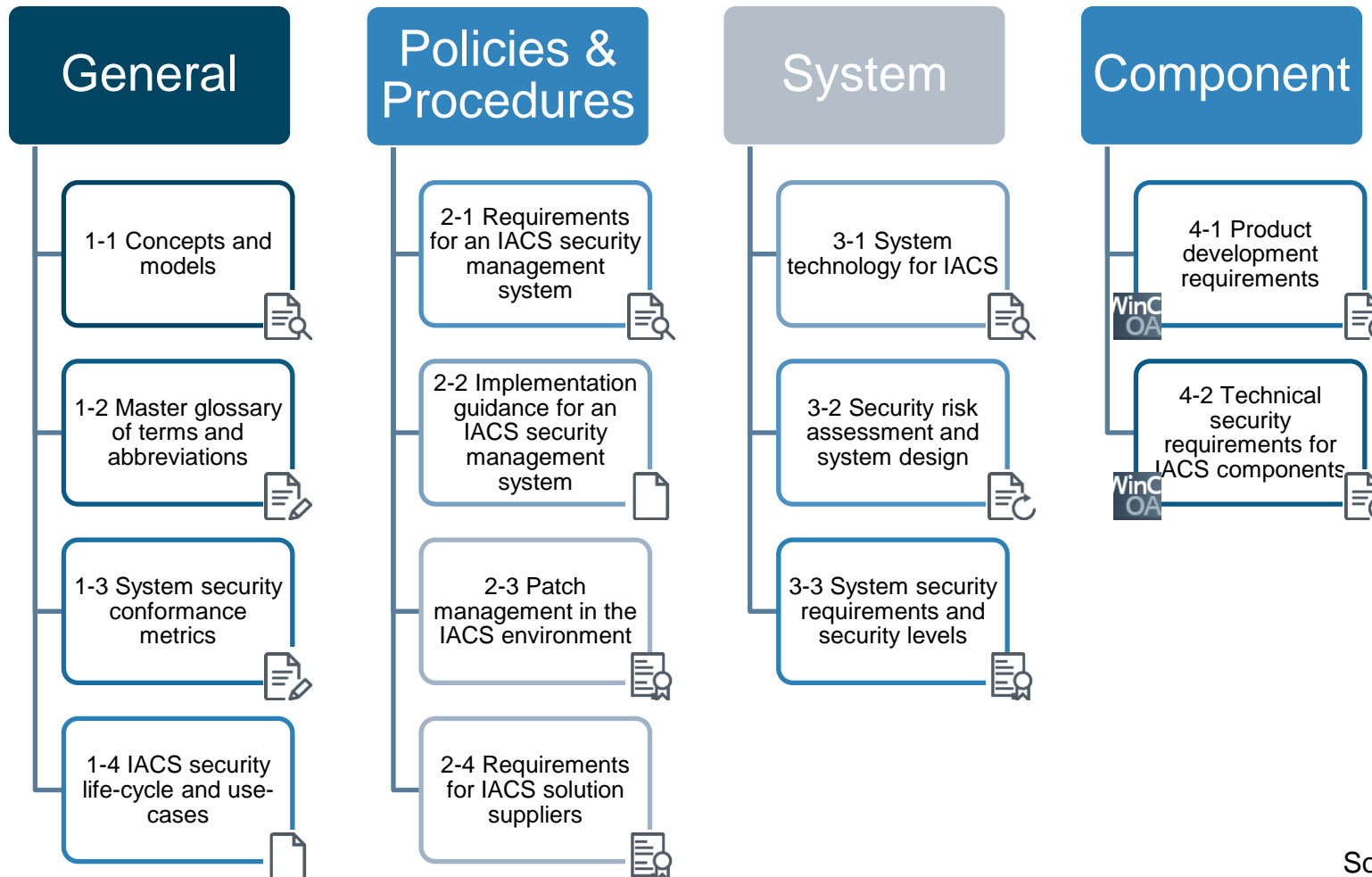


# SIMATIC WinCC Open Architecture Extended release and support cycles

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# IEC 62443 Overview



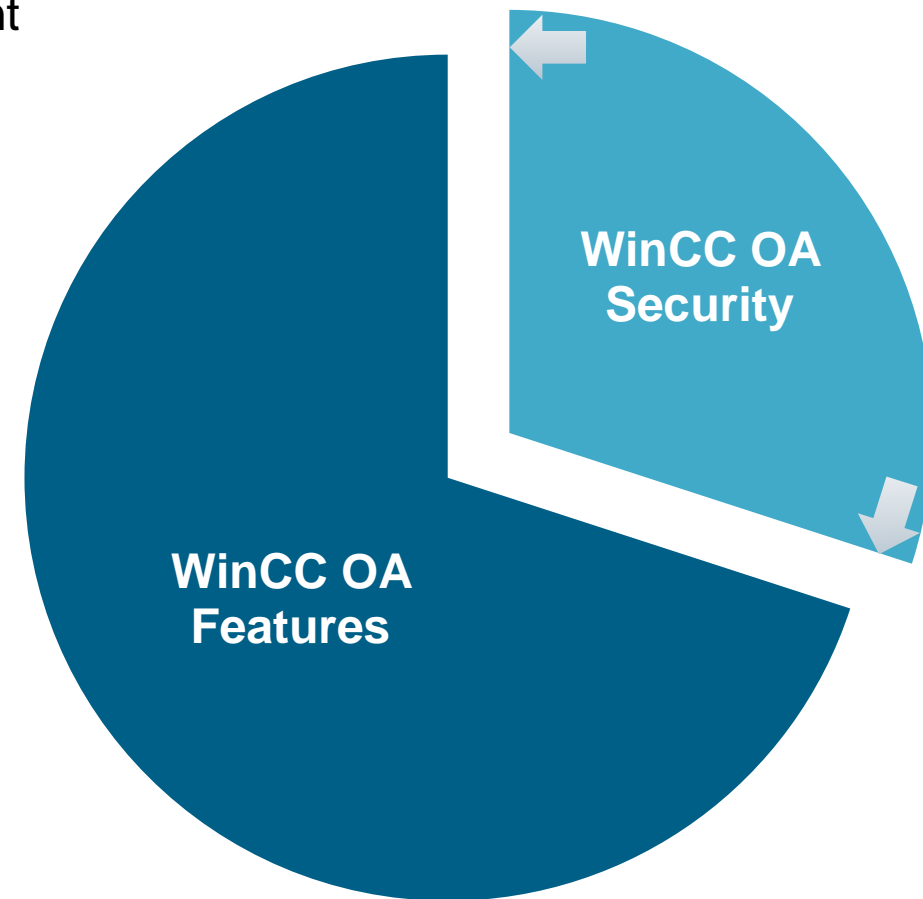
## Status Key (as of 09/04/15)

- Planned
- In development
- Out for comment/vote
- Published (under review)
- Published

Source: <http://isa99.isa.org/ISA99%20Wiki/Home.aspx>

## Security IEC 62443 Roadmap

- **IEC 62443**
  - Network and system security for industrial-process measurement and control
- **IEC 62443 4-1 already certified**
  - Development process & development site ETM
- **IEC 62443 4-2 planned**
  - SL1 planned with 3.17 after release
    - *“Protection against casual or coincidental violation”*
  - SL2 planned in the medium term
    - *“Protection against intentional violation using simple means”*
- **Development focus**
  - ETM increases development capacity of WinCC OA working on the topic security IEC 62443 to ~30%



# SIMATIC WinCC Open Architecture V3.15 P7

## User Interface

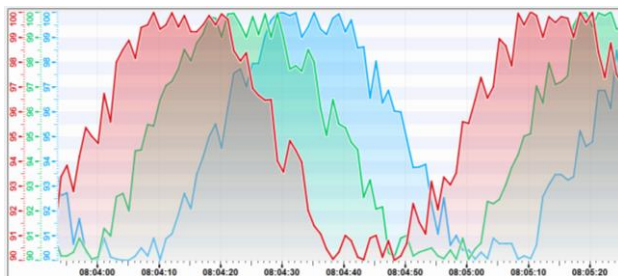
Trend 2.0



Gesture Enhancements



Automatic panel generation



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## Business Logic

Server Side Authentication



External Authentication



Security Updates



## Drivers

S7+ Alarming



TIA Importer



DIST Support OPC DA/HDA



SNMP supports redundancy



\*Scope of release may change without further notice

# SIMATIC WinCC Open Architecture V3.16\*

## User Interface

Chart Widget ✓

Java Script Widget (Desktop) ✓

Video integration in Apps ✓

Qt Update 5.9.2 ✓

## Business Logic

Server Side Authentication ✓

API for crypto functions ✓

New system connect events ✓

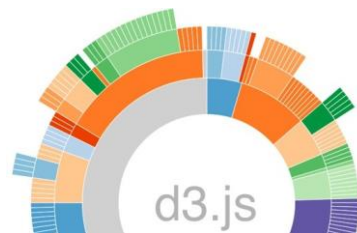
IOT2040 & ITC V3 support ✓

## Drivers

OPC UA HA Server ✓

Online browsing S7+ ✓

OPC UA Certification\*\* ✓



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\*Scope of release may change without further notice

\*\* Certification planned after WinCC OA 3.16

# SIMATIC WinCC Open Architecture

## Contact page

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