vallocor SECURITY ENGINEERING ISO PDF/A-2b • NIS2 & ISO 27001

Monthly Availability & Security Summary

Plain-Language Overview of 24/7 Uptime, TLS, DNS/Mail Posture & Open Action Items (PDF/A-2b)

Company / Workspace: Vallocor Demo B.V. (tenant-demo)
Active EU Check Locations: eu-de-hetzner, eu-nl-scaleway, eu-pl-scaleway

Generated (UTC): 2026-11-23 12:02 UTC
SHA-256 Verification Hash:
a22e861619f63c8731dd440ca51e0e7f...

1. Consolidated Availability, TLS & Security Baseline (3 EU Locations)

Check Name	Monitored Target	Availability	Avg Resp.	TLS Cert	Posture
ERP-Core-Gateway	otlp://erp-gateway-prod	**100.00%**	19.0 ms	OTLP	**-**
IETF-Standards-Ref	https://www.ietf.org	**100.00%**	76.2 ms	69d	**10/16**
Vallocor-Client-Portal	https://app.vallocor.eu	**100.00%**	99.5 ms	75d	**14/16**
Vallocor-Mail-DNS	dns://vallocor.eu	**100.00%**	4.9 ms	DNS	**8/8**
Vallocor-EU-Web	https://vallocor.eu	**100.00%**	41.4 ms	75d	**16/16**
Vallocor-Edge-Verify	https://vallocor-edge.eu	**100.00%**	123.9 ms	75d	**15/16**

30-Day Outage Log: 2 confirmed multi-location incident(s) recorded (6 min total duration).

2. Open Security, Certificate & Domain Action Items (For Your IT Partner)

IETF-Standards-Ref - Strict-Transport-Security (HSTS) (Missing Strict-Transport-Security response header)
Action: Add HTTP response header: Strict-Transport-Security: max-age=31536000; includeSubDomains

IETF-Standards-Ref - Content-Security-Policy (CSP) (No Content-Security-Policy header set)
Action: Add a Content-Security-Policy response header (safe starting baseline: frame-ancestors 'self'; object-src 'none'; base-uri 'self').

IETF-Standards-Ref - Security Disclosure (/.well-known/security.txt) (Not published at /.well-known/security.txt)
Action: Publish https://www.ietf.org/.well-known/security.txt containing Contact: mailto:security@ietf.org and an ISO-8601 Expires: line.

IETF-Standards-Ref - Certificate Authority Authorization (CAA) (No CAA record restricting TLS certificate issuance)
Action: Publish a DNS CAA record on ietf.org restricting certificate issuance, e.g.: 0 issue "letsencrypt.org"

IETF-Standards-Ref - SPF Sender Policy (TXT) (Soft-fail (~all) • Tighten to -all when ready (v=spf1 ip4:166.84.6.31 ip4:166.84.7.238 ip6:2602:...))
Action: Publish a single TXT record on ietf.org ending in -all (<= 10 DNS lookups), e.g.: v=spf1 include:_spf.provider.eu -all

IETF-Standards-Ref - DMARC Anti-Spoofing Policy (_dmarc) (Monitoring-only (p=none does not block spoofed mail): v=DMARC1; p=none; rua=mailto:dmarc_agg@vali.e...)
Action: Publish a TXT record at _dmarc.ietf.org with enforcement, e.g.: v=DMARC1; p=quarantine; rua=mailto:dmarc@ietf.org

IETF-Standards-Ref - Public IP Open Admin / Database Ports (104.16.44.99:8443 (Alt-HTTPS / Appliance Admin), 104.16.45.99:8443 (Alt-HTTPS / Appliance Admin))
Action: Close exposed management or database ports on www.ietf.org in your perimeter firewall and restrict administrative access strictly behind VPN or IP allowlists.

IETF-Standards-Ref - Live Non-Production / Admin Subdomains (CT Logs) (staging.ietf.org)
Action: Place non-production or admin subdomains under ietf.org behind VPN / SSO authentication, or remove stale DNS records if no longer in use.

IETF-Standards-Ref - Mail-Enabled Lookalike / Typosquatting Domains (etf.org (MX etf-org.mail.protection.outlook.com),ief.org (MX ief-org.mail.protection.outlook.com), ietf.de (MX localhost), itf.org (MX itf-org.mail.protection.outlook.com), letf.org (MX mx1.letf.org))
Action: Verify whether your organization owns this lookalike of ietf.org; if third-party, warn finance/AP staff against spoofed invoices and consider defensive registration.

Vallocor-Client-Portal - Content-Security-Policy (CSP) (No Content-Security-Policy header set)
Action: Add a Content-Security-Policy response header (safe starting baseline: frame-ancestors 'self'; object-src 'none'; base-uri 'self').

3. Summary for Customers, Insurers & Audits (NIS2 • ISO 27001 • ENISA)

The table below maps these continuous checks to standard questions from enterprise customers, cyber-insurers, and NIS2 / ISO 27001:

Standard / Article	Topic	What Vallocor Verifies Automatically	Status
NIS2 Art. 21(2)(b) • ISO 27001 A.8.16	24/7 Monitoring	Independent checks from 3 EU locations (NL, PL & DE) with 2-round quorum confirmation before alerting	ACTIVE
NIS2 Art. 21(2)(c) • ISO 27001 A.5.30	Service Continuity	Continuous DNS, TLS & HTTPS availability tracking plus OpenTelemetry export support	VERIFIED
NIS2 Art. 21(2)(h) • ISO 27001 A.8.24	TLS, Mail & Surface	16-control HTTPS/SPF/DMARC/DNSSEC check plus 24h passive port, CVE, CT subdomain & lookalike watch	ACTIVE
NIS2 Art. 21(2)(d) & GDPR • ISO 27001 A.5.19	100% EU Hosting	Hosted strictly in European data centers (*.vallocor-edge.eu) with zero US cloud sub-processors	EU ONLY

4. Periodic Review & Sign-Off

Archive this monthly summary alongside the notes from your review session with Vallocor and your IT partner. It provides clear, dated evidence whenever customers, auditors, or cyber-insurers ask how you monitor your systems.

Reviewed by (Name / Role): _____ **Date & Signature:** _____

Follow-Up Actions / Notes: _____

Full SHA-256: a22e861619f63c8731dd440ca51e0e7f53dff27fede14497342cfe7d830c81b3