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| Timothy Hanley Icon  Description automatically generated  Qr code  Description automatically generated | **Address**  66, rue de l’Arbre Sec  75001 Paris  France | **Tel** | **+33 6 17 56 78 67** |
| **Email** | [Timothy.Hanley@milieu-group.com](mailto:Timothy.Hanley@milieu-group.com) |
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| **Nationality**  Ireland\* / United States\*  \* Dual passport-holder,  eligible for employment in:  European Union, UK, and USA  **Document versions**  v.en.2024.04.26  *CV disponible en version française* |  | |

### Professional Summary

*Timothy is a cloud and on-prem Identity Architect and Systems Engineer for Microsoft Technologies. He has been performing technical consulting services for some of the largest clients in their respective industries. His focus on the architecture, management, design, implementation, deployment, and migration of cloud and server infrastructures with Microsoft and heterogeneous system environments has rewarded him with a diverse set of technical and professional accomplishments.*

### Education

University of Southern California, Los Angeles, CA - USA

BS Electrical Engineering with Minor in Recording Arts May 1992 (French equivalent to BAC+5, Engineer)

*Professional Certifications:*

* Microsoft Certified: Identity and Access Administrator (SC-300)
* Microsoft Certified: Microsoft Azure Administrator (AZ-104\*) \**in process*
* Microsoft Certified: Office 365 Enterprise Administrator Expert (SC-300, MS-100, MS-101\*) \**in process*
* Microsoft Certified Systems Engineer: MCSE Windows Server -2012/-2008/-2003/-2000/-NT4

A complete list of Microsoft professional exams and certifications is available:

Transcript Viewing Page: [Transcript](https://learn.microsoft.com/en-us/users/timothyhanley-7056/transcript/d498whx8gee881z?source=docs)

### Languages

English (native), French (bilingual), Spanish (conversational), Japanese (notions), Catalan (notions), Dutch (notions)

* Additional studies and practical language usage in multilingual and multicultural working environments (various languages)
* Multilingual computing experience, including multilingual software development
* Interest and experience in international business, travel, and multilingual computing issues

### Software/Systems

* Operating systems: (All multilingual implementations) Windows Server 2019/2016/2012/2008/2003/2000/NT; Windows-10/8/7/Vista/XP/2000/NT; Windows Mobile; Windows Embedded
* Directory abstraction: Quest Active Roles
* Cloud: Microsoft Azure
* Virtualization Technologies: Microsoft Hyper-V, VMWare
* Storage Solutions: SAN (HP 3PAR; Hitachi), NAS (IBM, NetApp)
* Identity Management: Azure AD Connect, MIM 2016, FIM 2010, ILM 2007, MIIS 2005
* Mail/Conferencing/IM: Exchange Server 2016/2010/2007/2003/2000/5.5, Teams, Lync 2010, Office Communication Server 2007, Live Communications Server 2005, MS Outlook, MS Teams
* Database: SQL Server
* Design: AutoCAD, Adobe PhotoShop, Adobe Illustrator, Visio
* Office applications: Multilingual MS Office XP/2003/2007/2010/2016/Office365
* Financials: Bloomberg, Reuters, multicast networking
* Mainframe connectivity: AS/400
* Terminal Services: Windows 2016/2012/2008/2003/2000 Remote Desktop/Terminal Services, Citrix
* DevOps: PowerShell
* Security: Crowdstrike, McAfee Antivirus, Kapersky Endpoint Security

### Experience

Microsoft Integration Engineer **Howden Group** – London, UK (and various sites in France) (January 2024 – April 2024) <contract, Milieu Group via Viva Resourcing>

* Performed integration of multiple target French companies in a large acquisition action into a large (40k+ user) multinational insurance enterprise, oriented to Azure AD cloud environment.
* Performed in-depth audits of existing Active Directory, Entra ID, Microsoft 365, on-prem and SaaS applications, telephony, and networking.
* Reviewed Entra ID and Microsoft 365 usage for the acquired company and planned tenant-to-tenant migrations of OneDrive, SharePoint, Exchange, Teams, and SharePoint to the target tenant.
* Utilized tools including BitTitan’s Migration Wiz and ShareGate to migrate data between Microsoft 365 entities.
* Integrated SaaS applications from acquired companies.
* Developed PowerShell scripts for audit and migration of identities and data.

Microsoft Entra ID Consultant **Clariane Group** – Paris, France (May 2022 – September 2023) <contract, Milieu Group via Helis>

* Consulted on the audit and design of a consolidated Active Directory, Entra ID and Microsoft 365 implementation of 6 separate countries comprising a total of 50,000 users.
* Participated with the integration of Azure resource creation for consolidated backup systems and Data Lake implementations.
* Reviewed and contributed to the submitted designs for Azure AD (Entra ID)/M365 infrastructure including RBAC designs for delegated administration
* Participated in the review and development of MFA and Conditional Access Policies using FIDO2 keys, MS Authenticator, and Temporary Access Pass authentication methods.
* Developed PowerShell scripts for identity synchronizations

Identity Architect **EssilorLuxottica** – Paris, France (Créteil, FR) (October 2021 – March, 2022) <contract, Milieu Group via SMC Consulting IT>

* Migration to Azure AD implementation for a 250,000-user global lens and frame manufacturer
* Implement cloud services (Microsoft 365, custom applications) within a context of corporate merger between two global companies (Essilor – France, Luxottica – Italy)
* Contributed to the delegation of administration for Azure administrator role implementation
* Exposure to multi-tenant Azure implementation consolidation issues including Dynamics 365 and Chinese Azure implementations. Many tenant consolidations were performed as part of this activity.
* Proposed new corporate naming conventions for cloud and on-prem environments
* Creation and update of documentation for Azure AD and Azure AD Connect
* Performed project manager role for a large portion of the Azure AD Connect infrastructure preparation

Identity Architect **BNP Paribas**  – Paris, France (Montreuil, FR) (August 2021 – October 2021) <contract, Milieu Group via Consultance IT>

* Audit of Azure AD implementation for a 275,000-user global banking environment.
* Review and proposition of the delegation of administration for Azure administrator role implementation
* Implementation of new security standards for Azure administrator accounts
* Corrections of non-adherence to corporate naming conventions for the Azure environment
* Audit of ADFS configurations for smart-card authentication to Azure AD.
* Update and translation of documentation for Azure AD, Azure AD Connect, and ADFS.

Identity Architect **Plastic Omnium** – Paris, France (Nanterre, FR) (February 2021 – April 2021) <contract, Milieu Group via Exakis-Nelite>

* Development of PowerShell scripts for management of Azure identities. Produced guidelines for PowerShell administration.
* Implementation of delegation of administration for Azure administrators
* Design of trust relationship between client and its partner within strict networking access-controlled environment
* Use of and Configuration of Quest Active Roles environment
* Implementation of new security standards for Azure administrator accounts
* Definition of naming conventions for new Azure environment
* Created ADFS configurations for various business applications.
* Proposed and developed several migration plans for repatriating email services from an outsourced service

Business Founder and Identity Architect **Milieu Group** - Paris, France (January 2021 – Present)

* Creation of company “Milieu Group” with all legal, administrative, and fiscal planning. Marketed services and products.
* Developed software add-ins for Microsoft applications.
* Participation in the Microsoft Partner Network giving insights and training for Microsoft licensing, Azure, Microsoft Teams, among others
* Participation in the Microsoft Cloud Solution Provider allowed training and experience with the details of Microsoft Azure including migration planning and Microsoft 365 building and integration models.

Identity Architect **Bolloré Transport and Logistics** – Paris, France (Puteaux, FR) (October 2017 – January 2021) <contract, Tek Systems>

* Maintenance, modification, and troubleshooting of identity management systems in a multi-forest, cloud-integrated global environment (Azure AD Connect, MIM2016, FIM 2010) of 35,000 users
* Migration of legacy Active Directory infrastructure to consolidated WS2016 AD forest
* Upgrade of legacy forests from Windows Server 2012/2008R2 to WS2016
* Optimization of network topology for multiple AD forests (450 sites)
* Infrastructure preparation for global AD migration
* Integration of networking equipment (VPN, Proxy) into Active Directory infrastructure.
* Implementation of automatic group-based licensing for Office365 clients in Azure Active Directory
* Development (PowerShell) of administration tools for enterprise management
* Supervision of AD Federation Services (ADFS) for O365 authentication
* Analysis and implementation of directory security

Windows System Architect **La Poste** – Paris, France (Saint-Quentin-en-Yvelines, FR) (May 2017 – September 2017) <contract, Synapsis>

* Integration of legacy business units into consolidated national environment
* Migration of 5000 users and computers into 90000 user environments

Windows System Architect **CEGEDIM** – Paris, France (Boulogne-Billancourt, FR) (February 2017 – May 2017) <interim, Robert Half International>

* Corrected and optimized a multi-forest, multi-domain high-security environment (medical information) Realignment of Windows Systems (including Active Directory, SCCM, Exchange, Lync) following sale of business division.
* Integrated UK and US businesses into corporate environment (Active Directory, SCCM, Exchange, Lync)
* Merge of WSUS service into existing SCCM architecture

Expert Active Directory **Zodiac Milpro** – Paris, France (December 2016) <contract, D-FI Services>

* Performed Active Directory cleansing process using internally developed PowerShell tools
* Prepared for multi-domain migration and consolidation project

Technical Systems Architect, Expert Active Directory **Tarkett Groupe** – Paris, France (La Défense, FR), France (November 2015– August 2016) <contract, Nelite>

* Designed a consolidated multi-forest, multi-domain AD system architecture for the global enterprise (12,000 users, 205 sites globally)
* Analyzed system infrastructure of countries for migration planning and implementation using scripted data acquisition methods (PowerShell 4.0)
* Streamlined replication and authentication systems for faster authentication and improved fail-over
* Interfaced Active Directory (WS2012R2) with on premise systems (OpenText DS) and cloud-based (AWS) services
* Performed corrections and enhancements of infrastructure (DHCP, DNS)
* Created architecture for external authentication systems (ADFS)
* Prepared environment for future Windows-10 and Windows Server 2016 compatibility

Systems Architect/Migration Technical Team Lead **Publicis Groupe** – Paris, France (Saint-Denis, FR), France (October 2014– October 2015) <contract, PS Ingénierie>

* Performed troubleshooting of Active Directory at global, regional, and country levels
* Completed technical design of the migration process for the European (EMEA) Active Directory migration, management centralization, and data consolidation project (27 countries, 20,000 workstations, 1000 servers) using ADMT 3.2 and in-house developed tools
  + Creation and implementation of project plans
  + Management of design documentation and versioning
  + Validation and improvement on methods, processes, and standards
* Analyzed server, workstation, and infrastructure of countries for migration planning and implementation using scripted data acquisition methods
* Implemented new centralized infrastructure architecture elements including Infoblox; Microsoft WS20121R2 DNS, DHCP; Linux DNS, DHCP)
* Automated processes (PowerShell 4.0, VBScript) for industrialized deployment

Systems Architect/IT Infrastructure Team Lead **Alstom Grid** – Paris, France (Massy, FR), France (March 2013– October 2014) <contract, Alter Solutions>

* Coordinated a team of engineers to design, document, and implement IT infrastructure solution for an electrical grid transmission control system for a European country. This coordination included creating project plans and document management for multi-phase government contract
  + Creation and implementation of project plans
  + Management of design documentation and versioning, and client approval
* Designed the multi-forest AD Infrastructure for a software solution which controls electrical transmission systems. This infrastructure included: Windows Server 2012R2; DNS; PKI; Remote Desktop Services and thin client solutions (Windows-8 embedded)
* Utilized PowerShell 4.0 scripting tools to automate the directory creation and architecture implementation (including directory structure, sites, site links, GPOs, and password policies)
* Managed the design and integration of other elements of the system including Linux; VMWare; SAN (HP 3PAR 7400); Monitoring (SCOM, Splunk); Management (SCCM 2012, Red Hat Satellite, Spectrum); Database (SQL 2012, Oracle).
* Managed the specification of hardware and software was well as the installation of system infrastructure for physical servers, virtual servers, and storage devices (SAN).
* Presentation of designs to management and technical audiences for the client and internal entities
* Implementation of smart-card security

Systems Architect **Steria** – Paris, France (Issy-les-Moulineaux, FR) (June 2010 – December 2012) <contract, Blue Soft>

* Designed the target multi-forest, multi-domain Windows Server 2008R2 Active Directory and accompanying systems infrastructure for the internal client (20,000-user corporation spanning 16 countries and 77 sites including near-shore and off-shore operations).
* Utilized PowerShell 2.0 scripting tools to automate the creation and assignment of security and the automation of the creation of much of the supporting architecture
* Analyzed existing architecture for preparation for migration to new target infrastructure which included new elements of Active Directory, DNS, DHCP, Certificate Services, IP-Sec, Federation Services,
* Consulted on the customization of the directory schema to support automated management of the environment and integration with business applications
* Implemented Network Access Protection (NAP) for wired and wireless access (802.1x)
* Performed AD integration tasks for dependent technologies including FIM, Office365, SCCM2012, Lync 2010, and Exchange 2010.

Systems Architect **BNP Paribas** – Paris, France (Montreuil, FR)/International locations (April– June 2010) <contract, Neurones>

* Participated in a pre-study of Windows 7 and Windows Server 2008R2 infrastructure rollout for the BNP Paribas Group (Banks and financial institutions worldwide totaling 250,000 workstations)
* Analyzed workstation and application data collected throughout the organization to propose cost-effective implementations including TCO and ROI calculations
* Proposed multiple implementation scenarios for multi-domain, multi-forest WS2008R2 Active Directory, App-V, SCCM 2007 to deliver the new Windows-7 workstation platform and the supporting WS2008 infrastructure.

Systems Architect **Nufarm** – Paris, France (February 2010) <contract, Neurones>

* Design of multi-tier WSUS 3.0 solution for Northern European region (9 sites across Europe, North Africa), addressing multi-site and multilingual issues.
* Implementation of AD security delegation and GPO implementation to support server and workstation solution

Systems Architect **EDF** (Electricité de France) - Paris, France (November – December 2009) <contract, Data CEP>

* Designed and proposed several alternative architectures to provide a solution for the campus locations which is coherent with the overall consolidation project including desktop refresh and server update
* Produced proposals for NAS storage solutions (up to 30 TB), VMWare server hosting (ESX 3.5), SCCM 2007, SCOM 2008, Windows Server 2008.
* Analyzed several large campus locations (2000 – 7000 users each) with respect to network capacity, storage requirements, and technical constraints, and local constraints

Systems Architect (AD)/Principal Engineer **Nissan Europe** – Paris, France /Pan-European locations (May 2003 – September 2009) <contract, Consort NT>

* Designed and supported Windows 2003/2008 AD and Infrastructure for 39 EMEA sites (9000 users)
* Planned (Technical Project Manager) and executed (Primary Engineer) server and workstation migrations
* Trained and managed admin staff to support the infrastructure migration and to maintain corporate policies
* Collaborated with global teams for the Nissan worldwide corporate Active Directory 2003 and Exchange 2003 infrastructure and security design (Japan, North America, and European regions—90,000 users total)
* Designed group policy strategy for Nissan Europe (EMEA)
* Installed and configured servers for data centers and remote site locations
* Coordinated integration of Smart-card login, Single-sign-on application authentications, meta directory implementations (MIIS, Novell eDirectory), SMS 2003, Exchange 2003
* Supported common multi-language workstation image platform

Architect/Engineer **Milieu Network Architects** – Chicago, IL (May 1999 – March 2003)

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| *Client Projects Included:* | *Microsoft Corporation* | Proven Solutions Staffing Companies |
| *Starbucks Corporation* | *Arlington House International Youth Hostel* |
| *U.S. Senate* | *International Language Services* |
| *McHugh Construction Company* | *Powell/Kleinschmidt Interior Architects* |
| *Banque de Montréal* |  |

* Creation of Milieu Network Architects, service company for systems and network design and support
* Designed server and network architecture on Microsoft platform conjunction with existing UNIX, Novell, and mainframe networking infrastructures
* Managed full life-cycle projects including procurement of materials and services; coordination of projects with client business goals; training and management of system administration; managed ROI expectations
* Analyzed security structures and network infrastructure for networking, messaging, webhosting, internet access, and remote-access clients
* Consulted on telecommunication decisions for voice and data integration scenarios
* Created automated software installation scripting for software distribution (SMS, Windows Installer)
* Customized solutions for database integration and financial data (various FE/BE multi-platform solutions)

Server/Infrastructure Engineer **Bank of Montreal / Harris Bank** Client-Server Support – Chicago, IL (November 2000 – February 2001) <Contract, Digital Staffing>

* Built, installed, and configured Windows server platforms
* Supported datacenter and branch-office application servers
* Consulted network rollout of corporate Active Directory

IS Director/Senior Systems Engineer **American Health Information Management Association** – Chicago, IL (April– August 2000) <Contract, RHI Consulting>

* Designed corporate security infrastructure including remote access, internal file security, web access and Exchange internal security functions for multi-OS environment
* Engineered and managed Novell Netware to Windows migration project including Active Directory design
* Produced network diagrams and documentation for server and systems infrastructure

Network Architect **Black Dog Design** – Chicago, IL (May 1999 – March 2000) <Consultation, Milieu Informatique>

* Designed and implemented the systems and network infrastructure and server implementation for a web services and hosting company
* Implemented email migration from UNIX Sendmail to Exchange server migration
* Expansion of web server environment and integration of eCommerce services
* Designed router-based and software-based firewall and RAS implementations
* Established structured disaster-recovery systems

Windows Server Consultant **Skidmore, Owings, & Merrill Architects** – Chicago, IL (April – May 1999) <Consultation, Milieu Informatique>

* Provided Windows, UNIX, and Macintosh server and client support for architectural graphics processing and business systems.
* Supported, configured, and optimized Windows servers

Field Deployment Site Team Lead **CNA Insurance / CSC** – Chicago, IL (August 1998 – March 1999) <Contract, Tek Systems>

* Led teams consisting of between 2 and 20 system engineers in the installation of the corporate computing environment at 20 US and Canadian branch offices (among 139 offices, 27,000 users in total)
* Implemented the support of the Windows network implementation; upgrade to Exchange Server messaging; SMS server implementation; installation of 300+ proprietary and non-proprietary applications
* Converted existing clients from token-ring network infrastructure to Ethernet
* Planned and executed the migration of up to 400 computers per site.

LAN Support Technician **Bear Stearns Investments** – Chicago, IL (May – July 1998) <Milieu subcontract, Sierra Systems>

* Administered/supported multi-domain NT4 platform environment utilizing real-time financial software (ADP), mainframe connectivity, and groupware for stock brokerage/clearing house (600 users)
* Employed manual, imaged and SMS-driven upgrades and installations of HP workstations
* Performed remote administration of servers and workstations

LAN Administrator **Bank of Montréal / Harris Bank** – Chicago, IL (July 1997 – May 1998) <Contract, Tek Systems>

* Performed installation, configuration, and remote support of servers and workstations
* Facilitated LAN/internet/intranet usage and integration with software applications in network environment of 300+ servers, 7000+ users total (Chicago locations only) with direct responsibility for ~400 users.
* Participated in corporate roll-out of new computer systems and operating systems

Help Desk Analyst **Deloitte & Touche LLP** – Chicago, IL (February – July 1997) <Contract, Aerotek>

* Provided end-user support for all company software to 1500+ user base located across four company locations. Support included desktop, remote connection, and phone support.

Process Engineer **Sony Electronics, Inc.** – San Diego, CA (December 1995 – September 1996) <Contract, Adia>

* Administered production changes for manufacturing of network storage peripherals (CD-Recordable, CD-ROM, Magneto-Optical Jukeboxes, Digital Cinema Processing equipment) in ISO 9000 system including documentation control and instruction of production crew.

### Mobility

**Willing to travel or relocate.**

* Eligible to work without visa in European Union and in the United States.
* Willing to work globally with mobility up to 90%.
* Remote working optional.
* Local work (currently Paris) accessible with public transportation only.