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OPC Systems.NET with OPC UA

OPC Systems.NET will implement OPC Unified Architecture to enhance existing .NET communications for open standards connectivity.

Open Automation Software has defined OPC UA as a key future design element into its OPC Systems.NET product. The current design of OPC Systems.NET lends itself well for implementation of OPC UA as it is already eliminated DCOM for all communications except the core Windows Service.

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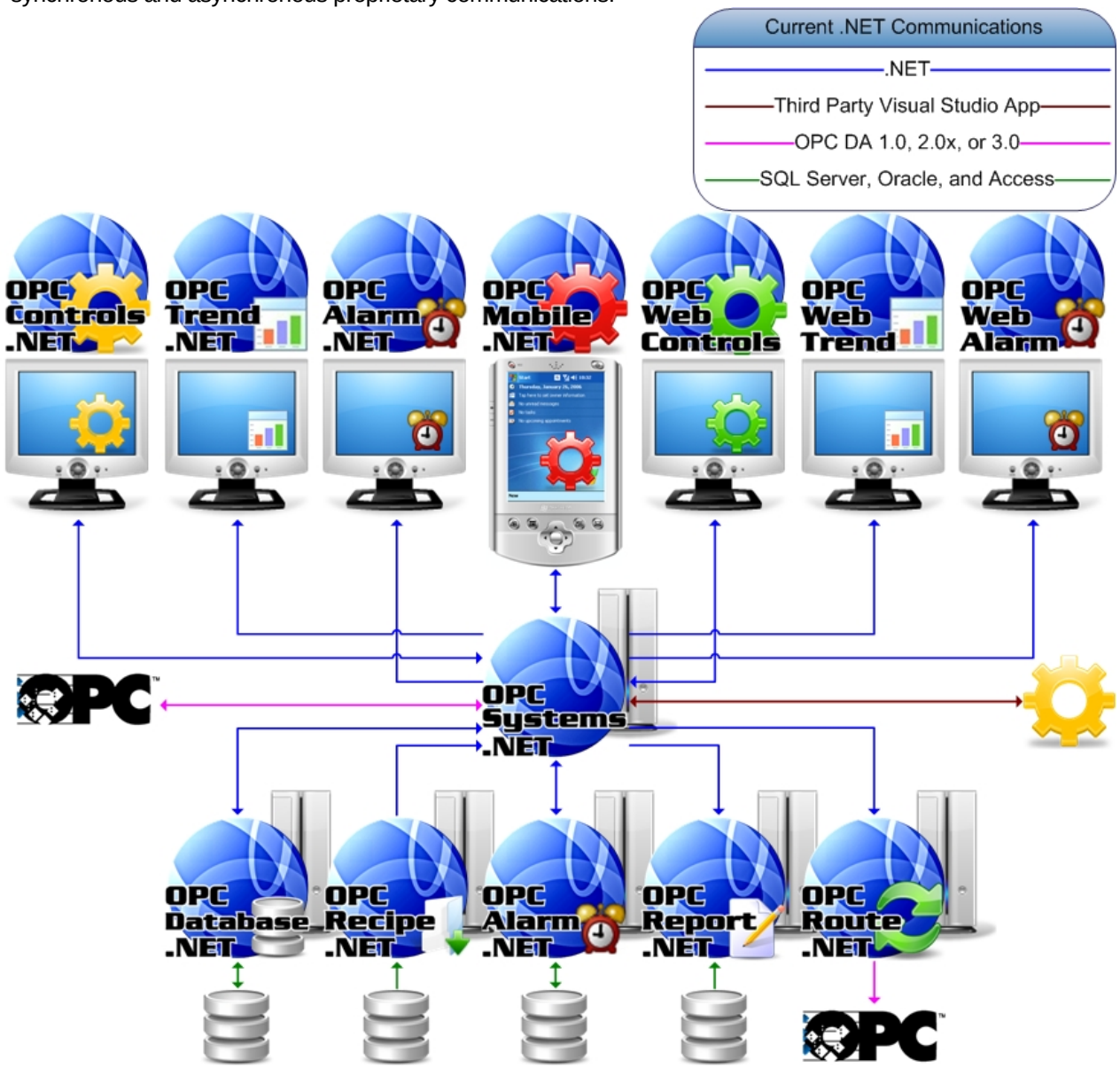
OPC Systems.NET currently implements .NET Remoting to provide communications to both local and remote applications from a central communications Windows Service. Only the Windows Service communicates with Data Access OPC Servers. This design provides the ability to deploy 100% managed components and eliminates the need for remote DCOM. However all component communications for local and remote connectivity currently implement .NET Remoting with synchronous and asynchronous proprietary communications.



The communication packets between applications are proprietary, and developers must use the OPC Systems.NET components from within Visual Studio.NET or other OPC Server applications to communicate with any of the OPC Systems.NET data.

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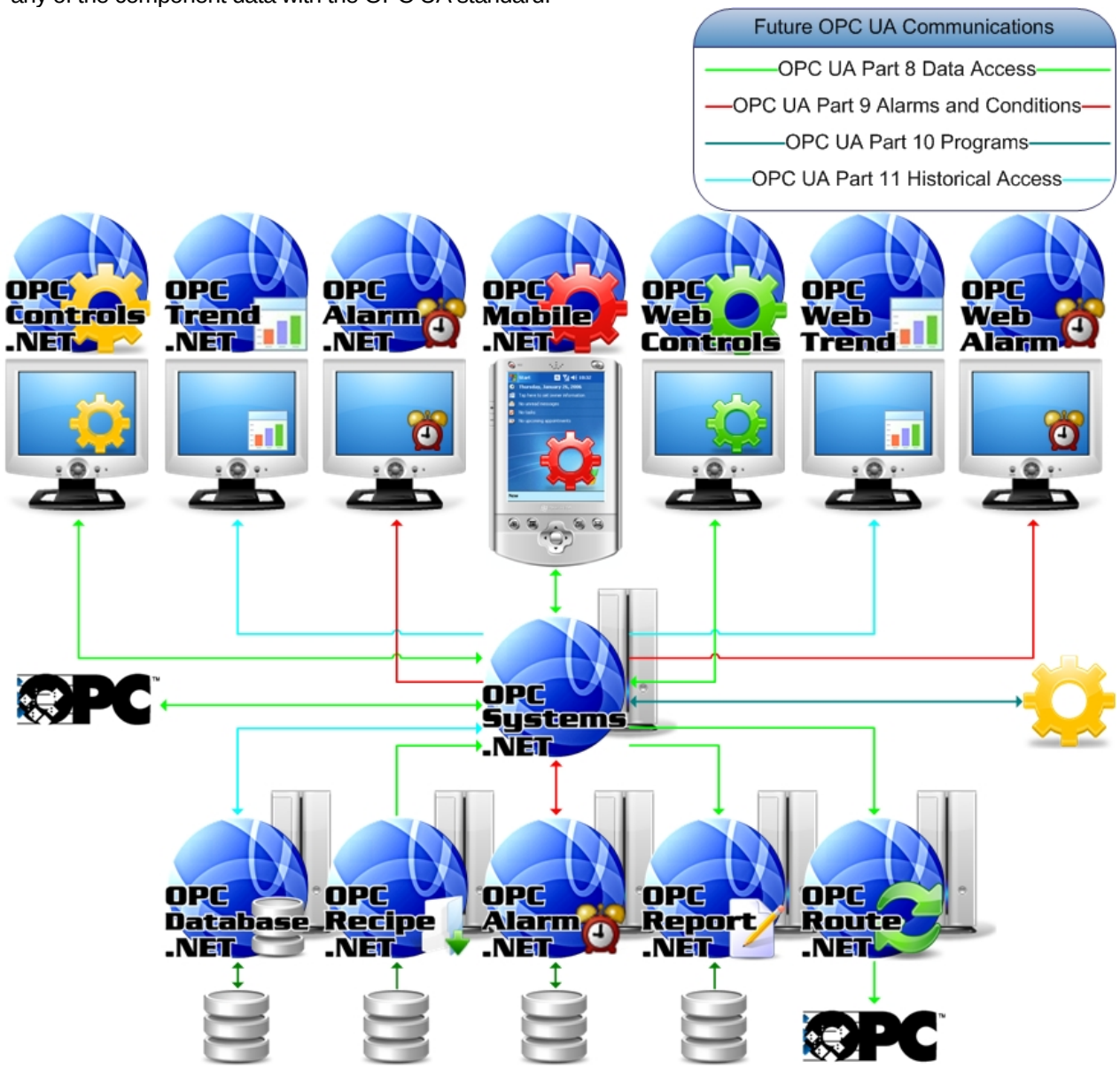
By implementing OPC UA into OPC Systems.NET developers will be able to connect directly to any of the component data with the OPC UA standard.



This addition maintains the original design of OPC Systems.NET with the ability to deploy 100% managed components without DCOM, while adding open communication standards to all of the product features.

Open Automation Software plans to implement Part 8 of the OPC UA Data Access specification first both as a client and a server when the specification is released. OPC UA Alarms and Conditions will be implemented into OPC Alarm.NET and OPC Web Alarm.NET for both client and server support, followed by OPC UA Historical Access into OPC Trend.NET and OPC Web Trend.NET as a client and OPC Database.NET as a server.