### Gestione Sili/Navette

#### Descrizione

Gestione dei sili e delle navette presenti nell’impianto.

#### Parametri

##### SiloS7InviaParametri

Assegna alle variabili PLC i parametri associati (destinazione navetta)

#### Logica

##### LivelliDigitaliSiloFiller()

Uno dei metodi chiamati al cambiamento dei tag plc associato alla gestione sili/navette.

##### SiloS7Leggi()

Legge le variabili del PLC utilizzate nella gestione sili/navette per aggiornare il sinottico

##### SiloS7Scrivi()

Scrive le destinazioni assegnate ai sili/navette

#### Moduli interessati alla gestione sili:

GestioneLivelliSiliFillerVaglio.bas

GestioneSilo.bas

GestioneSiloGenerale.bas

ParaTabSilo.bas

#### Principali metodi utilizzati nella gestione sili:

GestioneLivelliSiliFillerVaglio.bas

52 - Public Sub LivelliDigitaliSiloFiller()

44 - Public Sub APBScambioTuboTroppoPienoF1F2\_Change(comando As Boolean)

37 - Public Function CocleaFillerApporto2DaAccendere(accendi As Boolean) As Boolean

36 - Public Function CocleaFillerApportoDaAccendere(accendi As Boolean) As Boolean

34 - Public Function CocleaFillerRecuperoDaAccendere(accendi As Boolean) As Boolean

24 - Public Sub APBScambioFillerRecuperoInApporto\_Change(comando As Boolean)

17 - Public Sub LivelloTramoggia\_change(tramoggia As Integer)

13 - Public Sub LivelloFillerApporto2\_change()

12 - Public Sub LivelloFillerRecupero\_change()

12 - Public Sub LivelloFillerApporto\_change()

11 - Public Sub ComandoPesataFiller\_change(filler As Integer)

9 - Public Sub ValoreLivelloSiloFiller\_change(silo As Integer)

8 - Public Function CambioRicettaSenzaF3toF3() As Boolean

8 - Public Function CambioRicettaSenzaF2toF2() As Boolean

GestioneSilo.bas

294 - Public Function DefinisciTAG\_Silo() As Integer

115 - Public Sub SiloS7Leggi(forza As Boolean)

95 - Public Sub SiloS7GestioneAllarmi(ByRef IdDescrizione As Integer, ByRef IndirizzoPLC As String)

78 - Private Sub SiloS7Position\_changed()

64 - Public Sub CalcoloQuotePosGraficaSiloS7()

57 - Public Sub SiloS7InviaParametri()

53 - Public Sub AbilitaOggettiSiloS7(full As Boolean)

45 - Public Sub ScriviDestinazioneSilo(destinazione As Integer)

36 - Private Function SiloImmagineStato(siyncroOn As Boolean, fcAperto As Boolean, piena As Boolean) As String

35 - Public Sub SiloS7ScriviPosizioni()

28 - Public Function Linearizza(valore As Double, K1min As Double, K2max As Double, LoLim As Double, HiLim As Double) As Double

25 - Public Sub SiloS7IconStatusUpdate()

24 - Public Function SiloS7GetPosizioneSilo(asse As Integer, silo As String) As Double

23 - Private Sub SiloS7Stato\_changed()

19 - Public Sub ResetCmdSilo()

18 - Public Sub SetStatoSiloS7AutoMan()

17 - Public Sub SiloS7Scrivi()

14 - Public Sub SetStatoSiloS7Jog()

12 - Public Sub SiloS7WarnigEvent()

12 - Public Sub SetStatoSiloS7Stop()

12 - Private Sub SiloS7Speed\_changed()

6 - Public Sub SetSiloS7Start()

2 - Public Sub SiloS7ShowPosition()

GestioneSiloGenerale.bas

149 - Public Sub PosizionaSiliCP240()

82 - Public Sub LetturaTemperaturaSilo\_change()

78 - Public Sub MessaggioSiloToPlus(DatoSilo As DatoSiloMsgPlusType, Optional NumeroTelescarico As Integer)

77 - Public Sub RegistraScaricoSiloDB()

71 - Public Sub SiloGenerale()

59 - Public Sub CelleSiloLeggiTXT(NumeroModuloSilo As Integer)

54 - Public Sub SegnalazioneScaricoBennaNavetta(InScarico As Boolean)

48 - Public Sub AggiornaPesoSilo(DestinazioneSilo As Integer)

47 - Public Sub ScaricoSiloSenzaCelleCarico(Peso As String)

37 - Public Sub CelleSiloScriviTXT(NumeroModuloSilo As Integer)

33 - Public Sub SegnalazioneBennaSu(BennaSu As Boolean)

32 - Public Sub ValoreTempSilo\_change(silo As Integer, temperatura As Long)

31 - Public Sub VerificaSirenaLivelloAlto(indice As Integer)

31 - Public Sub CelleSiloValoreLetto\_change(silo As Integer)

30 - Public Sub CelleSiloInizializza()

26 - Public Sub AttivazioneSilo(silo As Integer, siloAttivo As Boolean, ritornoSilo As Boolean)

26 - Public Function ScompartiCompattaSalta(ByVal scomparto As Integer) As Integer '20151202 NUOVA GESTIONE SILI DEPOSITO

26 - Public Function GetIdDosaggioLOGScarico(IdDosaggioAct As Integer) As Integer

26 - Public Function GetIdDosaggioLogFromIdDosaggio(IdDosaggioAct As Double) As Integer

26 - Public Function GetDescrFromIdDosaggioLOG(IdDosaggioAct As Double) As String

24 - Public Sub PesoCamion\_change()

22 - Public Function DestinazioneSiloAppartieneModuloSilo(destinazione As Integer, NumeroModulo As Integer) As Boolean

19 - Public Sub VisualizzaSiloAttivo(usaFrmSilo As Boolean)

19 - Public Function ShowConfermaCambioSilo() As Boolean

16 - Public Sub PortinaScaricoSilo\_Change(NumeroSiloScaricato As Integer)

16 - Public Function VerificaEsistenzaSilo(silo As Integer) As Boolean

15 - Public Sub PosizioneDeodorante()

15 - Public Function RicavaDestinazioniDaModuloSilo(NumeroModulo As Integer, StringaConfigurazione As String) As String

13 - Public Function SiloVBToPlc(indice As Integer) As Integer

13 - Public Function PlcToSiloVB(indice As Integer) As Integer

13 - Public Function GetSiloIndex(silo As String) As Integer

11 - Public Sub TelescarichiSilo\_Change(silo As Integer)

11 - Public Function GetSiloString(silo As Integer) As String

11 - Public Function CalcolaNumeroModuliSilo(Stringa) As Integer

10 - Public Sub VisualizzaSiloPieno(silo As Integer)

10 - Public Sub LivelloAltoScomparto\_change(indice As Integer)

10 - Public Function ScompartiSiliPLC\_a\_PC(ByVal scomparto As Integer) As Integer '20151202 NUOVA GESTIONE SILI DEPOSITO

10 - Public Function ScompartiSiliPC\_a\_PLC(ByVal scomparto As Integer) As Integer '20151202 NUOVA GESTIONE SILI DEPOSITO

10 - Public Function ScompartiCompatta(ByVal scomparto As Integer) As Integer '20151202 NUOVA GESTIONE SILI DEPOSITO

10 - Public Function RicavaModuloSiloDaDestinazione(destinazione As Integer) As Integer

9 - Public Sub SiloLeggiTXTSenzaCelle(scomparto As Integer) '20151202 NUOVA GESTIONE SILI DEPOSITO

8 - Public Sub CaricoSilo\_change(silo As Integer)

8 - Public Sub AggiornaImgSemaforo(verde As Boolean, attesa As Boolean, semaforo As Boolean)

7 - Public Sub SiloScriviTXTSenzaCelle(scomparto As Integer) '20151202 NUOVA GESTIONE SILI DEPOSITO

7 - Public Function AzzeraSeNegativo(valore As Variant) As Variant

6 - Public Sub AggiornaAnalogicaPesaCamion\_change()

4 - Public Sub NavettaPosizioneCarico\_change()

4 - Public Function GetSiloFromConfigSilo(Index As Integer) As String

3 - Public Sub CelleSiloScriviTXTCamion()

3 - Public Sub CelleSiloLeggiTXTCamion()

2 - Public Sub TelescaricoSilo\_change(scomparto As Integer)

2 - Public Function SiloConfig2Combo(silo As String) As String

2 - Public Function GetSiloHexCode(silo As String) As String

ParaTabSilo.bas

146 - Public Sub ParaTabSilo\_Apply()

107 - Public Function ParaTabSilo\_ReadFile() As Boolean

74 - Public Sub WritePositioneSiloToXml()

46 - Public Sub ReadPositioneSiloFromXml()

#### Principali oggetti utilizzati nella gestione sili:

GestioneSilo.bas

5 - Public Enum SiloStateType

GestioneSiloGenerale.bas

10 - Public Type SiloType

8 - Public Type DeodoranteSilo

6 - Public Type DatoSiloMsgPlusType

3 - Public Type Semaforo\_Type